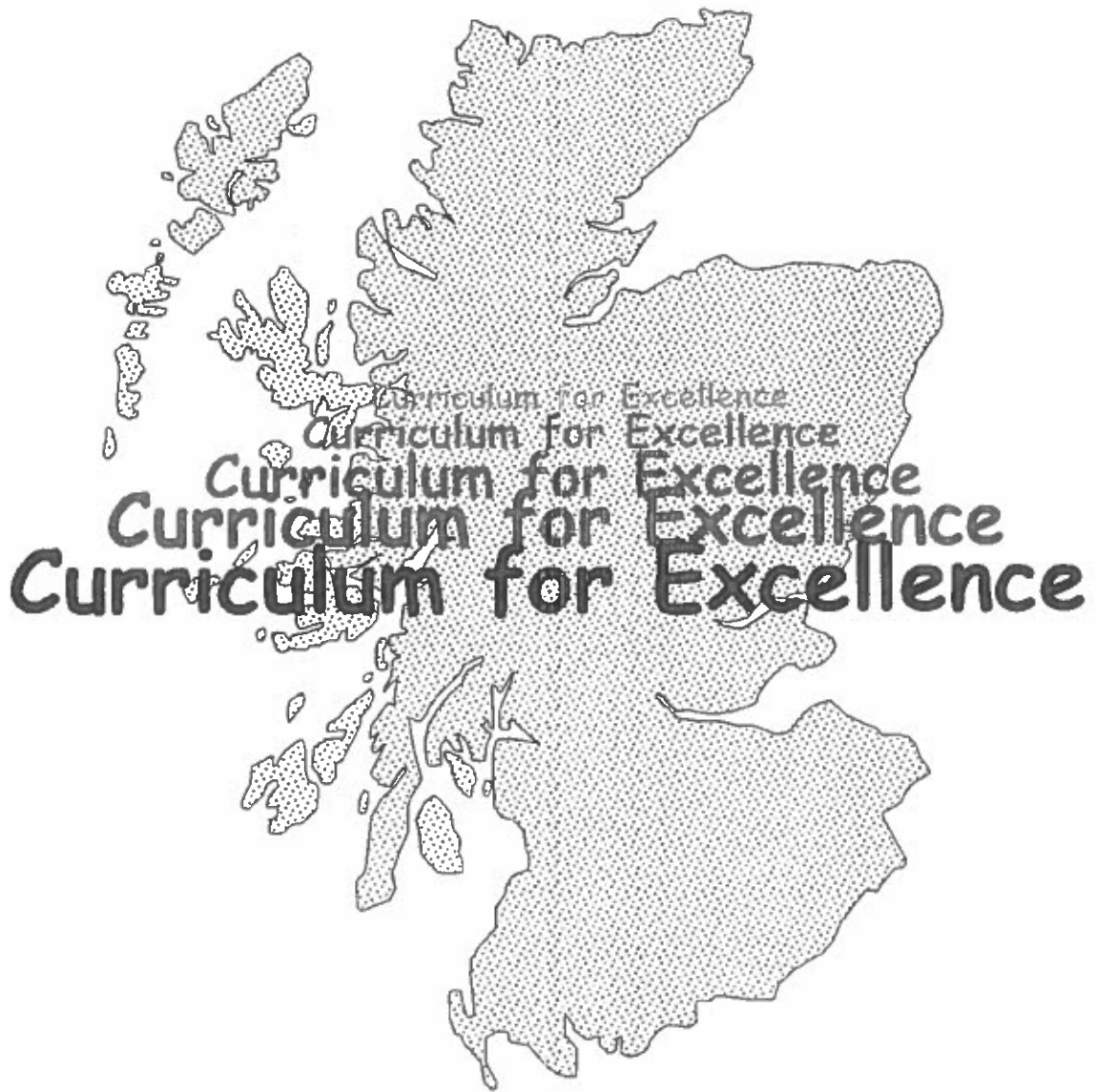


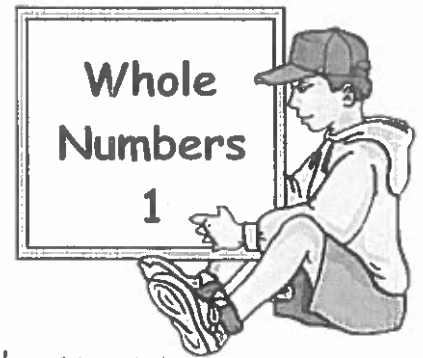
**TeeJay  
Publishers**

# Book 1a



# Homework

# CHAPTER 1



## Exercise 1

- If 14 means "1 lot of ten and 4 units", what do these numbers mean :-
  - 12 means "... lot of ten and ... units."
  - 15 means ...
  - 17 means ...
  - 19 means ... ?
- Write down all the missing numbers :-
  - 1 ... 3 4 5 ... 7 ... 9
  - 12 ... 14 15 ... 17 ... ... 20
  - 2 ... ... 5 ... 7 ... ... 10 ...
  - ... 9 ... ... 12 ... 14 ...
  - 9 ... 7 6 ... 4 ... ... 1
  - 20 ... ... 17 16 ... 14 ... 12 ...
  - 11 ... 9 ... 7 ... ... ...



## Exercise 2

- How many sweets are in each group of jars ?
  - 
  -
- Draw 3 empty jars and fill them to show a total of 23 sweets.
- The number 29 is made up of how many tens and how many units ?
- Write down all the missing numbers :-
  - 19 ... .. 22 ... 24 ... .. 27
  - 16 17 ... .. 22 ... 24 ...
  - 26 25 ... 23 ... 21 20 ... .. 17
  - ... 28 ... .. 25 ... ..



## Exercise 3

1. How many sweets are in each group of jars ?

a



b



2. Draw 7 empty jars and fill them to show a total of 62 sweets.



3. The number 76 is made up of how many tens and how many units ?

4. Write down all the missing numbers :-

a 46 47 .... 50 .... 53

b 75 .... 78 79 .... 83 ....

c 92 .... 90 .... 87

d .... 59 .... 56 .... 53 ....



5. Write down the next number up from 79.

6. Write the number which is one down from 87.

7. Write down the next number in each of these :-

a 7 9 11 13 15 ....

b 44 46 48 ....

c 94 84 74 64 ....

d 100 90 80 70 ....

## Exercise 4

1. Jenny is 59 years old. Her sister Beth is 3 years older. What age is Beth ?



2.



Jack spent 38p on sweets. Bob spent 5p more than Jack.  
How much did Bob spend ?

3. Alison has 72 pairs of shoes. Beryl has 3 pairs less than that.  
How many pairs of shoes does Beryl have ?





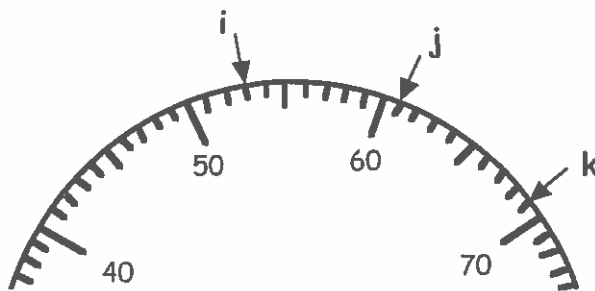
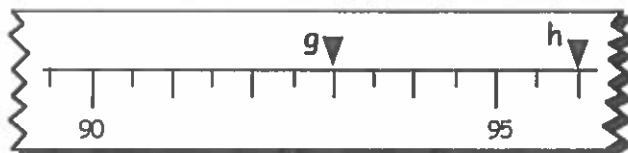
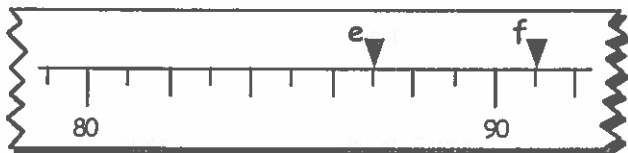
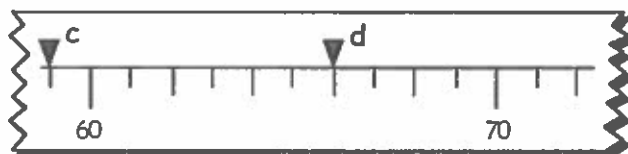
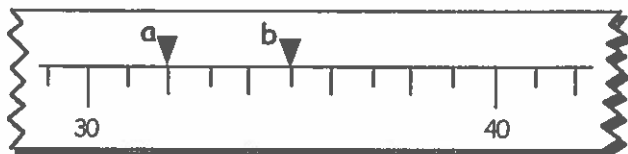
4. Penny has 93 pencils. Joe has 4 pencils fewer.  
How many pencils does Joe have?

5. Trevor weighs 38 kg, which is 6 kg lighter than Ahmed.  
What weight is Ahmed?



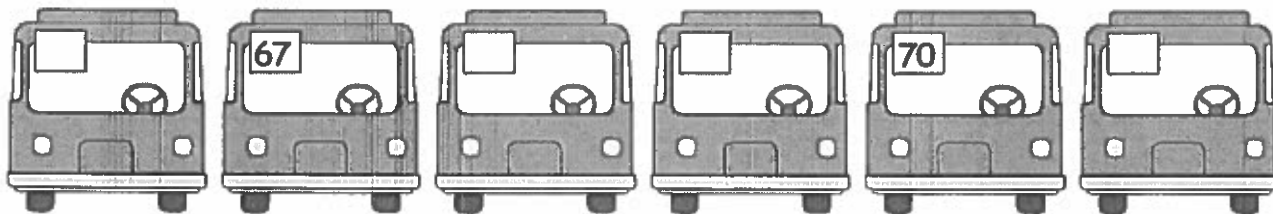
### Exercise 5

1. What numbers are the arrows pointing to?



### Exercise 6

1. Buses are parked in a row according to their number.  
What are the four missing bus numbers?



2. a What number is 2 up from 79?  
b What number is 4 down from 42?  
c What number is 10 up from 57?

3. These six cards are numbered in order.  
75 is the largest numbered card.  
What number is on the bottom card ?



4. Copy this sequence of numbers, filling in the missing values as you go :-  
40 43 .... 49 .... .... 58 61 .... 67 ....

### Revision Exercise

1. How many sweets are in these jars ?



2. Write down all the missing numbers :-

- a 8 9 .... 11 .... 13 .... 15 ....  
b 45 .... 43 .... .... 40 ....  
c 6 8 10 12 .... .... 18 ....  
d 93 83 .... .... 53 .... 33 ....  
e 90 80 .... .... 50 .... .... 20 ....

3. What is the number just up from :-

- a 36                      b 69                      c 87                      d 60 ?

4. What is the number three down from :-

- a 13                      b 21                      c 80                      d 72 ?

5. What numbers do arrows a, b and c point to ?



6. There are 32 curried pot noodles on a supermarket shelf.  
If Kath buys 5 of them, how many are left on the shelf ?

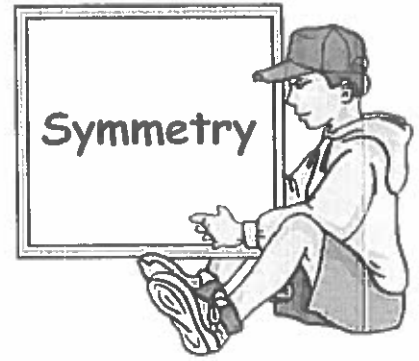


- 7.



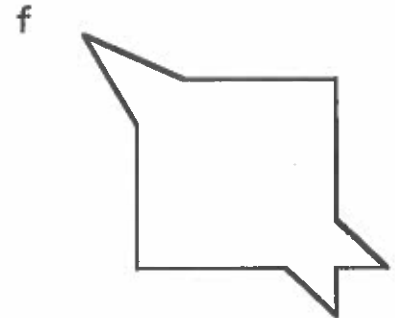
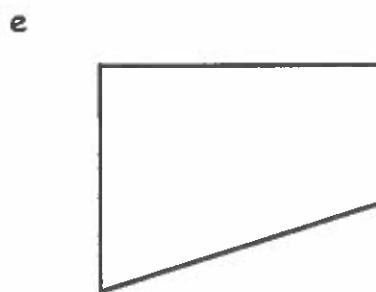
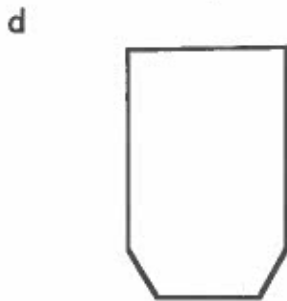
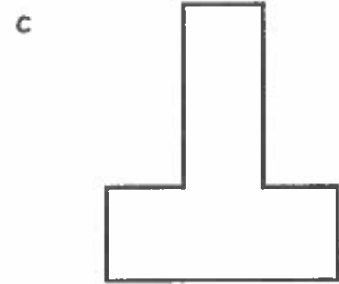
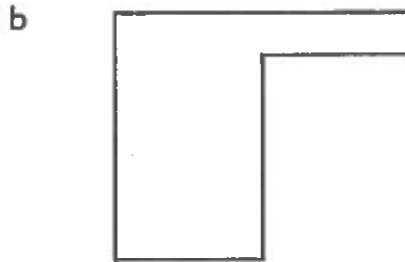
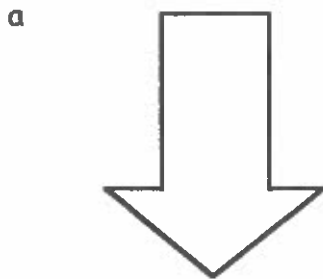
- A baker put 46 steak pies in the oven one morning.  
She sold them all by lunchtime, so she put four more in the oven.  
How many steak pies in total did she make that day ?

# CHAPTER 2



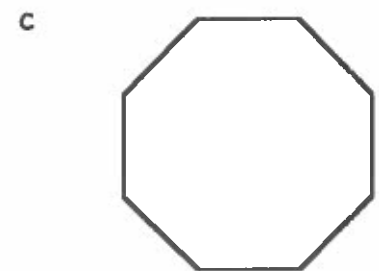
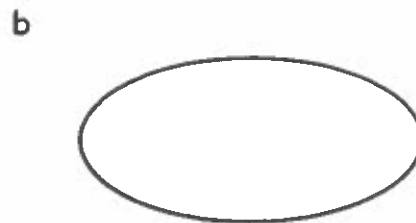
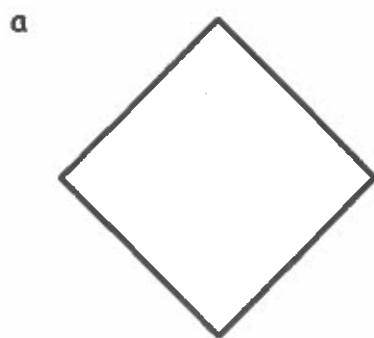
## Exercise 1

1. Do these shapes have symmetry? (Write yes or no).

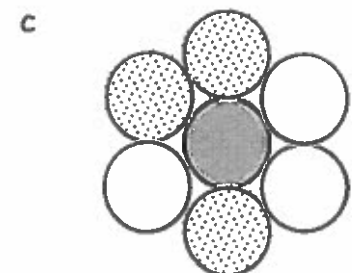
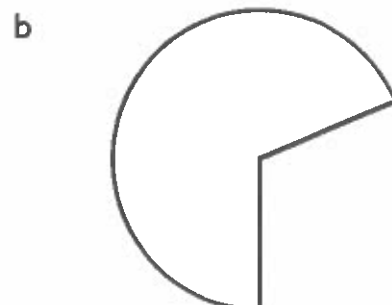
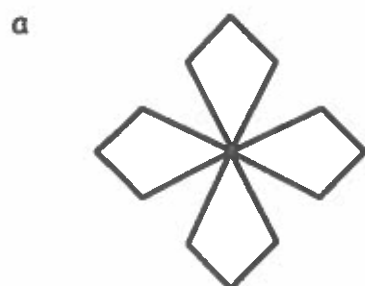


2. These shapes are symmetrical.

How many ways can each of them be folded to show symmetry?



3. Which of these shapes are symmetrical? (Write yes or no).



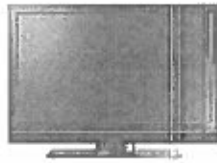
## Exercise 2

1. Which of these pictures are symmetrical? (Write yes or no).

a



b



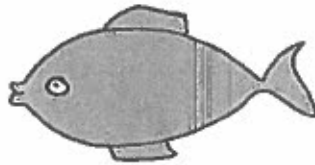
c



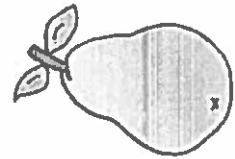
d



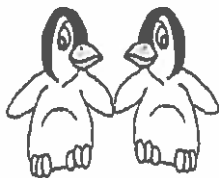
e



f



g



h



i



2. Which of these traffic signs are symmetrical? (Write yes or no).

a



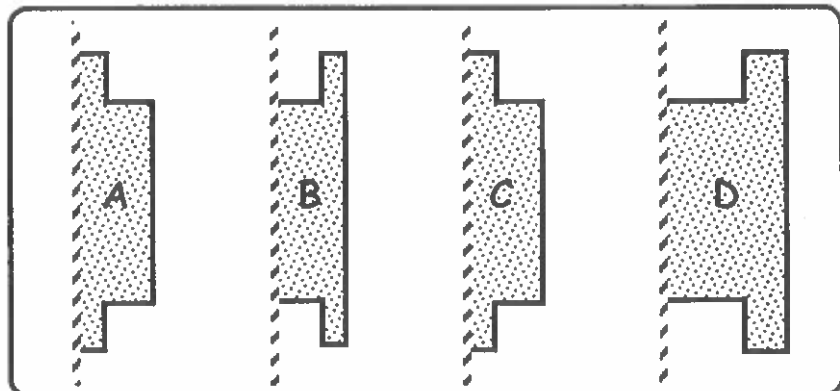
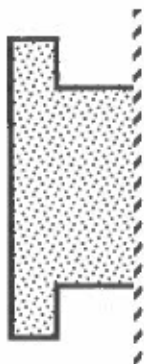
b



c



3. Which of the 4 shapes A, B, C or D should be added to the shape on the left to make it symmetrical?



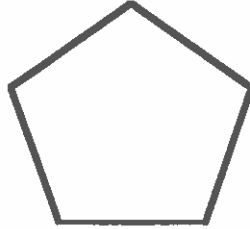
# Revision Exercise

1. Do these shapes or pictures have **symmetry** ? (Write yes or no).

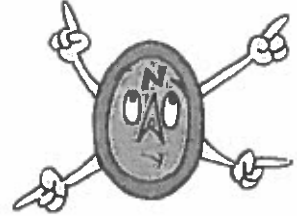
a



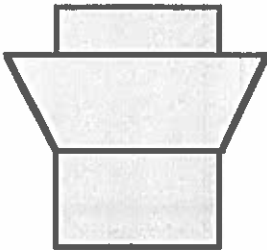
b



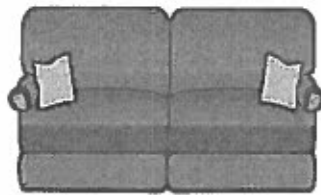
c



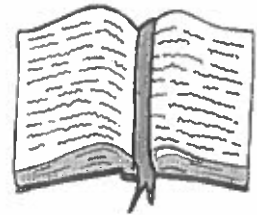
d



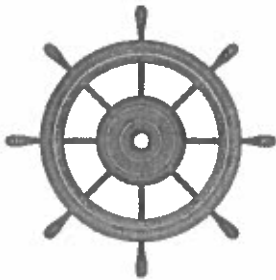
e



f



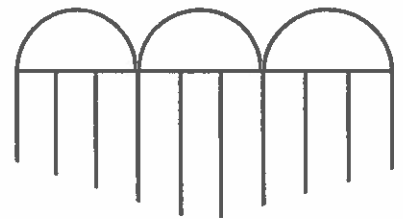
g



h



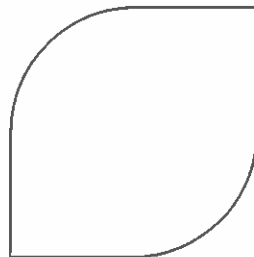
i



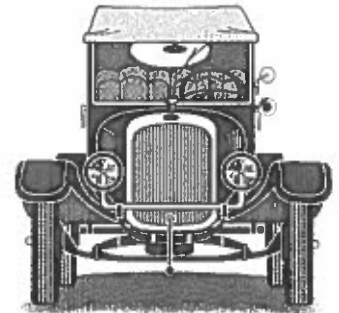
j



k



l

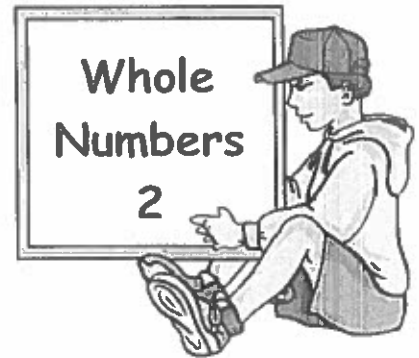


2. Look around the room or look outside. Write down **two** things which have symmetry.

3. Draw your own picture of a funny face that has symmetry.



# CHAPTER 3



## Exercise 1

1. If 35 means "3 lots of ten and 5 units", what do these numbers mean :-  
a 63 means "... lots of ten and ... units."  
b 49 means ....                      c 78 means ....                      d 96 means .... ?

2. A shopkeeper has 82 pastilles. He puts them in bags of 10.  
a How many full bags can he make ?  
b How many pastilles will he have left over ?



3. 327 is made up of 3 hundreds, 2 tens and 7 units.  
In the same way, write how these numbers are made up :-

a 425                      b 681                      c 709                      d 876.

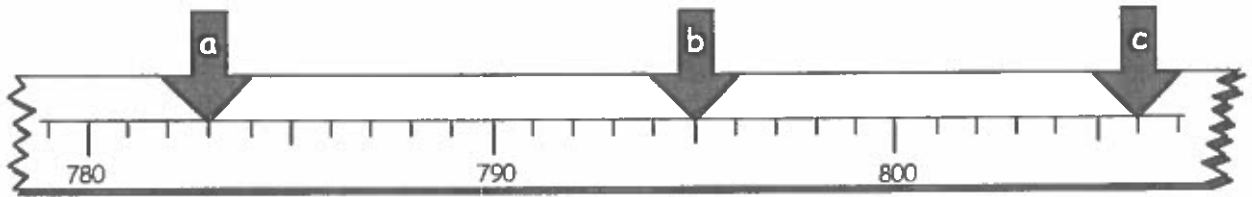
4. Ian's dad gives him four £1 coins, eight 10p coins and nine 1p coins to pay for a football ticket and a half-time pie.  
How much does Ian have ?



## Exercise 2

1. Write the following numbers using digits :-  
a seventy eight                      b ninety one  
c two hundred and thirty seven                      d six hundred and forty five  
e nine hundred and nine                      f seven hundred and seventy seven.
2. Write these numbers using words :-  
a 69                      b 413                      c 706                      d 895.
3. What number comes just before :-  
a 81                      b 202                      c 740                      d 900 ?
4. What number comes just after :-  
a 99                      b 784                      c 309                      d 499 ?

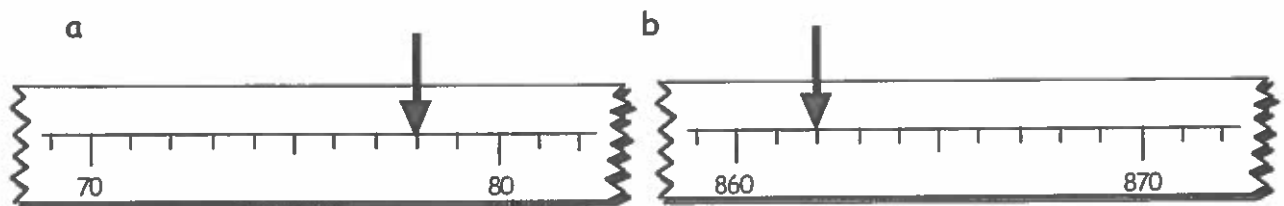
5. Put these groups of numbers in order, starting with the highest :-  
 a 476, 467, 647, 746, 674      b 687, 768, 867, 678, 786.
6. What numbers are the arrows pointing to ?



**Revision Exercise**

1. Write these numbers using digits :-  
 a eighty eight      b five hundred and ninety seven.
2. Write these numbers in words :-  
 a 54      b 308      c 869      d 666.
3. Write the number that comes :-  
 a just after 239      b just before 500      c ten after 495.
4. Put these numbers in order, starting with the smallest :-  
 319, 278, 372, 404, 269, 310.

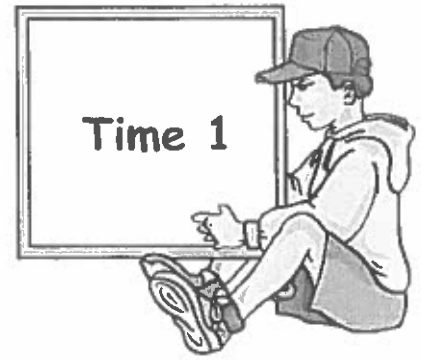
5. What numbers are the arrows pointing to ?






6. Cheryl got new £10 bank notes, all in order, starting at NUMBER 000 812 through to NUMBER 000 815.  
 How much money altogether does Cheryl have ?





# CHAPTER 4



## Exercise 1

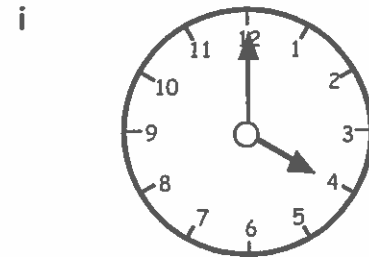
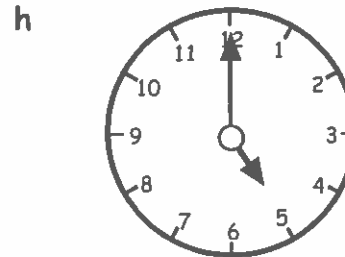
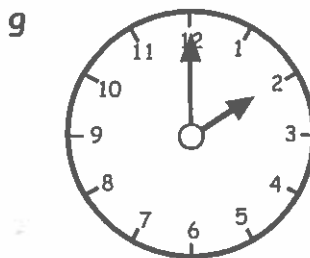
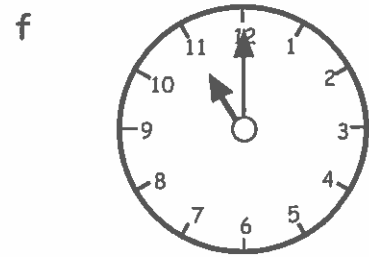
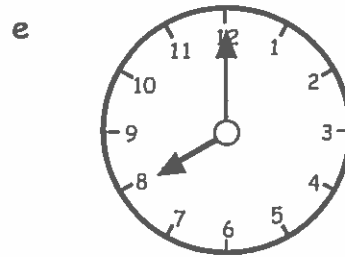
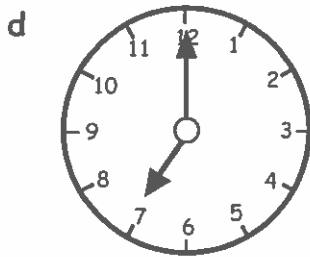
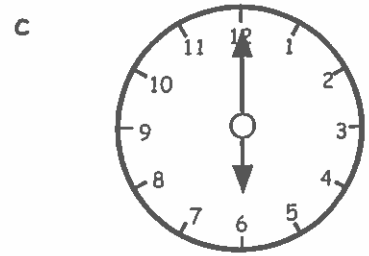
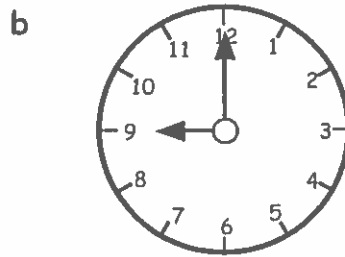
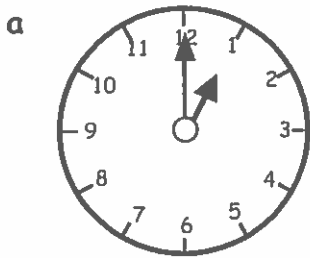
- What day comes just :-  
a after Tuesday                      b before Friday                      c after Saturday ?
- What day is it :-  
a 2 days after Tuesday                      b 3 days before Saturday ?
- a Today is Tuesday. The cup final is in 5 days time.  
On what day is the cup final ?  
  
b Today is Saturday. I fly off on holiday in 6 days time.  
On what day am I going on holiday ?  

- Find out what day should go in the gap in each statement :-  
a A well known day at Easter time is called GOOD .....
- b A BANK holiday is usually on a .....
- c A well known pancake making day is known as PANCAKE .....
- d The old song - "Cruising down the river, on a ..... AFTERNOON".  


## Exercise 2

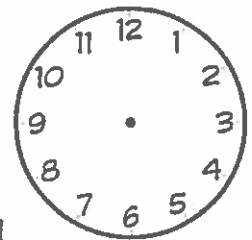
- What month is just :-  
a after March                      b before November                      c after July ?  

- Name the month which is :-  
a 4 months after February                      b 6 months before July.  

- What is :-  
a the 5th month of the year                      b the month which has Valentine's Day ?
- How many days are there in :-  
a April                      b August                      c September                      d December ?
- Which month can change from 28 days to 29 days ? When does this happen ?

## Exercise 3

1. Write the time on each clock :-



2. Draw a clock face and put hands on it to show 3 o'clock.



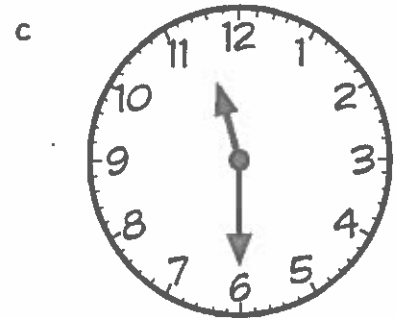
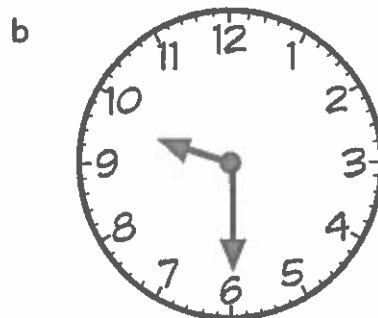
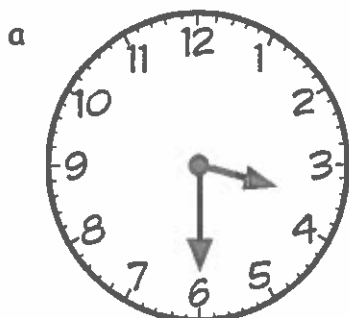
3. It is now 10 o'clock.

A film started 3 hours ago. At what time did it begin?

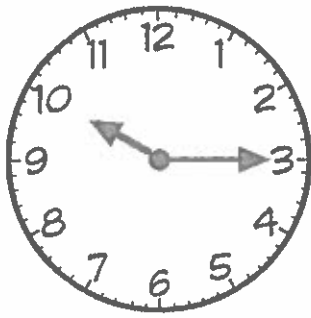


## Exercise 4

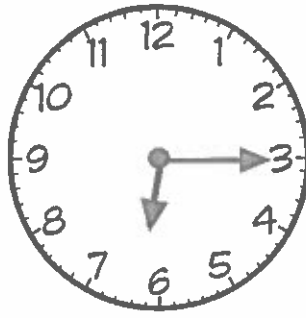
1. Write the time on each clock :-



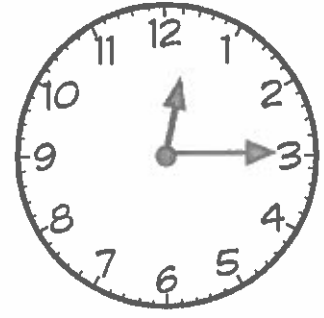
1. d



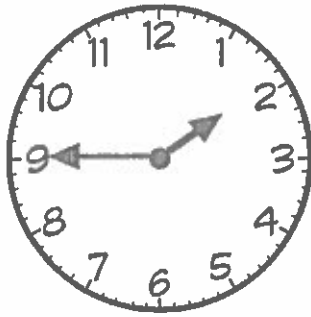
e



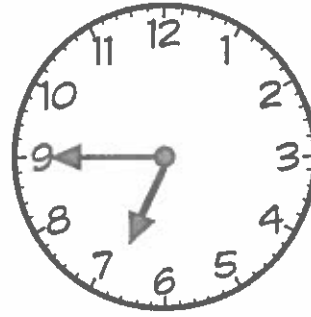
f



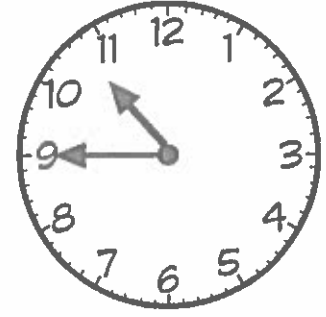
g



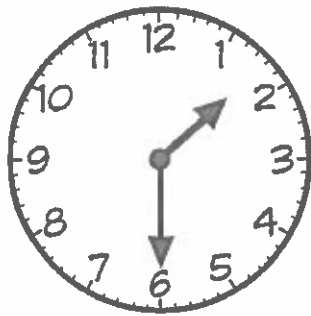
h



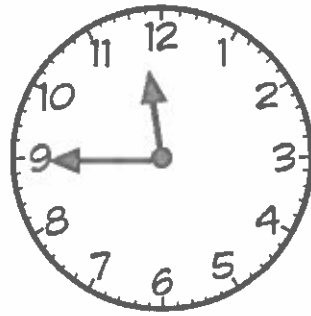
i



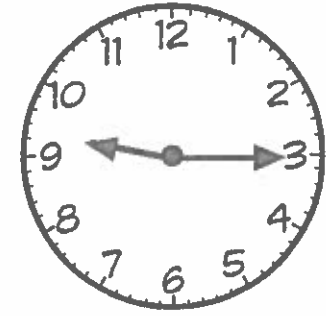
j



k



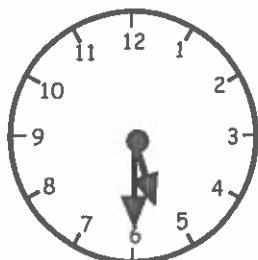
l



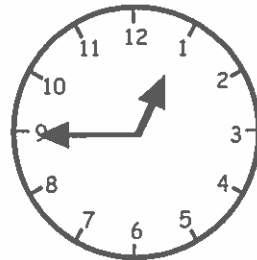
### Revision Exercise

- What day is it :-
  - 4 days before Sunday
  - 5 days after Wednesday ?
- Which months have 30 days exactly ?
  - What is the month 4 months before March ?
  - It is the 28th April. I will be 11 in 3 days time. On what date is my birthday ?
- What's the time shown on these clocks ?

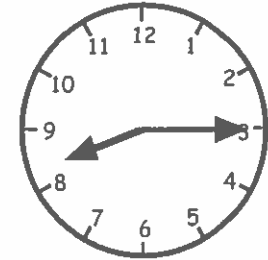
a



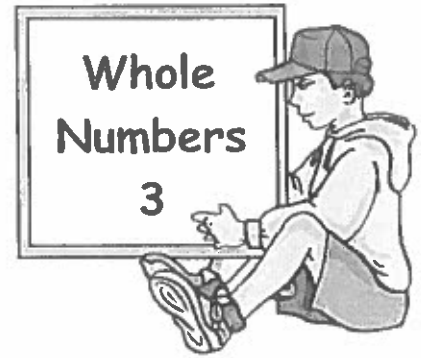
b



c



# CHAPTER 5



## Exercise 1

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 13 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 28 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 31 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 44 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 51 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 4 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 3 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 1 \\ + 87 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 46 + 2$$

$$b \quad 8 + 60$$

$$c \quad 18 + 1$$

$$d \quad 73 + 5$$

$$e \quad 82 + 7$$

$$f \quad 50 + 6$$

$$g \quad 9 + 80$$

$$h \quad 4 + 73.$$

3. A bus was carrying 33 passengers when it arrived at the bus stop.

If 4 people then got on, how many were now on the bus ?



4.



James had 62 channels to choose from on his TV.

He bought in an extra 6 sports channels for the Olympic Games.

How many channels has he now on his TV ?

## Exercise 2

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 15 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 24 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 37 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 61 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 67 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 43 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 30 \\ + 67 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 16 \\ + 41 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 56 + 11$$

$$b \quad 67 + 22$$

$$c \quad 52 + 33$$

$$d \quad 48 + 30$$

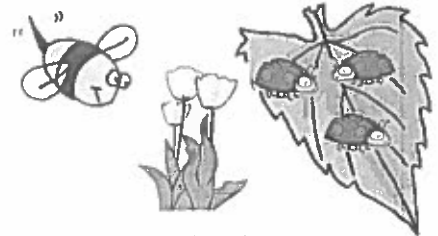
$$e \quad 31 + 18$$

$$f \quad 44 + 33$$

$$g \quad 12 + 21 + 43$$

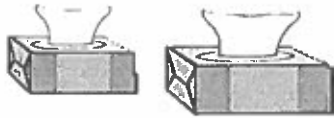
$$h \quad 51 + 25 + 22.$$

3. There were 43 bees on the flowers in a garden and 36 ladybirds on their leaves.



How many insects was that in total ?

4.



Doreen bought 2 boxes of paper hankies.

One box contained 54 hankies, the other had 32.

How many hankies did Doreen have altogether ?

### Exercise 3

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 106 \\ + 231 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 415 \\ + 134 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 425 \\ + 371 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 563 \\ + 335 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 781 \\ + 104 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 403 \\ + 291 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 700 \\ + 89 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 237 \\ + 61 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 248 + 531$$

$$b \quad 256 + 413$$

$$c \quad 401 + 198$$

$$d \quad 372 + 121$$

$$e \quad 577 + 310$$

$$f \quad 304 + 235$$

$$g \quad 904 + 72$$

$$h \quad 783 + 14.$$

3. TeeJay's van delivered 575 books to Glencairn Academy before moving on to Glencairn Primary to drop off another 204.

How many books in total did the Glencairn schools order ?



4.



Tommy paid £215 for his computer console and £35 each for two games.

What was the total cost of the console and the two games ?

### Exercise 4

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 39 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 28 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 57 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 89 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 38 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 7 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 8 \\ + 69 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 9 \\ + 89 \\ \hline \end{array}$$

2. Set down these sums like the ones in Question 1 and work them out :-

a  $43 + 7$

b  $69 + 3$

c  $78 + 2$

d  $6 + 86$

e  $71 + 9$

f  $37 + 8$

g  $5 + 65$

h  $84 + 9$ .

3. In an orchard there were 54 ripe apples, but only 7 of the pears were ripe.  
How many apples and pears altogether were ripe?



4.



A zoo has 39 elephants and only 2 pandas.

How many elephants and pandas is that altogether?

### Exercise 5

1. Copy the following and find the answers :-

a  $\begin{array}{r} 48 \\ + 24 \\ \hline \end{array}$

b  $\begin{array}{r} 55 \\ + 37 \\ \hline \end{array}$

c  $\begin{array}{r} 28 \\ + 59 \\ \hline \end{array}$

d  $\begin{array}{r} 47 \\ + 19 \\ \hline \end{array}$

e  $\begin{array}{r} 63 \\ + 27 \\ \hline \end{array}$

f  $\begin{array}{r} 34 \\ + 49 \\ \hline \end{array}$

g  $\begin{array}{r} 26 \\ + 57 \\ \hline \end{array}$

h  $\begin{array}{r} 78 \\ + 26 \\ \hline \end{array}$

2. Set down these sums as above and work them out :-

a  $38 + 44$

b  $57 + 27$

c  $65 + 25$

d  $77 + 18$

e  $12 + 78$

f  $16 + 66$

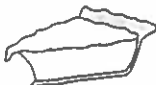
g  $57 + 39$

h  $99 + 5$ .

3. Barry is aged 38. His brother Ken is 23 years older.  
What age is Ken?



4.



Heather bought a slice of pie for 47p and a 36p doughnut.

How much did that cost her altogether?

### Exercise 6

1. Copy the following and complete :-

a  $\begin{array}{r} 107 \\ + 146 \\ \hline \end{array}$

b  $\begin{array}{r} 438 \\ + 127 \\ \hline \end{array}$

c  $\begin{array}{r} 359 \\ + 442 \\ \hline \end{array}$

d  $\begin{array}{r} 316 \\ + 188 \\ \hline \end{array}$

e  $\begin{array}{r} 703 \\ + 109 \\ \hline \end{array}$

f  $\begin{array}{r} 333 \\ + 277 \\ \hline \end{array}$

g  $\begin{array}{r} 778 \\ + 99 \\ \hline \end{array}$



h  $\begin{array}{r} 996 \\ + 4 \\ \hline \end{array}$

2. Set down these sums like the ones in Question 1 and work them out :-

- a  $345 + 478$       b  $654 + 109$       c  $118 + 694$       d  $650 + 250$   
e  $77 + 298$       f  $908 + 25$       g  $269 + 375$       h  $988 + 12$ .

3. Sophie earns £527 per week. Gertie gets paid £389 per week.  
What's their total wage ?



4.   Joe grows two varieties of flowers.  
He has 268 roses and 395 dahlias.  
How many flowers does Joe have ?

## Exercise 7

1. Copy the following and find the answers :-



- |   |  |   |  |   |   |   |   |
|---|--|---|--|---|---|---|---|
| a | $\begin{array}{r} 34 \\ + 5 \\ \hline \end{array}$   | b | $\begin{array}{r} 9 \\ + 58 \\ \hline \end{array}$   | c | $\begin{array}{r} 51 \\ + 66 \\ \hline \end{array}$   | d | $\begin{array}{r} 67 \\ + 94 \\ \hline \end{array}$   |
| e | $\begin{array}{r} 308 \\ + 16 \\ \hline \end{array}$ | f | $\begin{array}{r} 67 \\ + 743 \\ \hline \end{array}$ | g | $\begin{array}{r} 118 \\ + 389 \\ \hline \end{array}$ | h | $\begin{array}{r} 449 \\ + 286 \\ \hline \end{array}$ |

2. Set down these sums as above and work them out :-

- a  $37 + 88$       b  $104 + 493$       c  $17 + 799$       d  $382 + 118$   
e  $74 + 486$       f  $285 + 413$       g  $671 + 199$       h  $999 + 5 + 15$ .

3. A farmer has 35 pigs and 77 goats.  
How many animals in total ?



4.   The Music Store has 88 acoustic guitars and 212 electric guitars in stock.  
How many guitars altogether ?

## Exercise 8

You may use a calculator in this exercise



1. Find :-

- a  $657 + 328$       b  $719 + 197$       c  $268 + 682$       d  $88 + 99$   
e  $916 + 58$       f  $786 + 175$       g  $378 + 494$       h  $555 + 555$ .

2. What is the total of :-  $45 + 214 + 327 + 8 + 192 + 401$  ?

## Revision Exercise



1. Copy the following sums and work them out :-

a 
$$\begin{array}{r} 39 \\ + 54 \\ \hline \end{array}$$

b 
$$\begin{array}{r} 49 \\ + 62 \\ \hline \end{array}$$

c 
$$\begin{array}{r} 257 \\ + 31 \\ \hline \end{array}$$

d 
$$\begin{array}{r} 575 \\ + 45 \\ \hline \end{array}$$

e 
$$\begin{array}{r} 260 \\ + 390 \\ \hline \end{array}$$

f 
$$\begin{array}{r} 270 \\ + 630 \\ \hline \end{array}$$

g 
$$\begin{array}{r} 387 \\ + 95 \\ \hline \end{array}$$

h 
$$\begin{array}{r} 438 \\ + 499 \\ \hline \end{array}$$

2. Line them up and add :-

a  $44 + 9$

b  $260 + 80$

c  $25 + 175$

d  $432 + 98$

e  $416 + 325$


f  $778 + 199$

g  $345 + 456$

h  $980 + 30 + 20$

3. George has 70 walnuts. Mabel has 80.  
How many walnuts do they have altogether ?




4.  Len and Jean got through a box of chocolates between them.  
Len had 38 and Jean had 26.  
How many chocolates had been in the box ?

5. Jemma had saved £259 for her holiday and Lynn had saved £65 more than that.


- a How much had Lynn saved ?  
b What had the two girls saved altogether ?



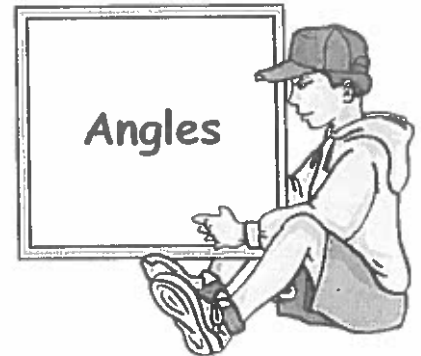
6.  A train with 384 passengers stopped at a station.  
At the station, 49 people boarded the train.  
How many were now on the train ?

7. A garage charged Mr Brown £236 for labour and £199 for parts.  
What was his total garage bill ?



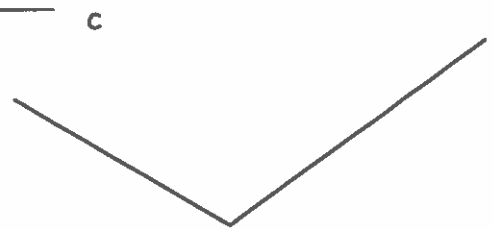
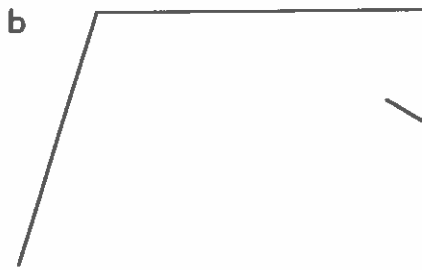
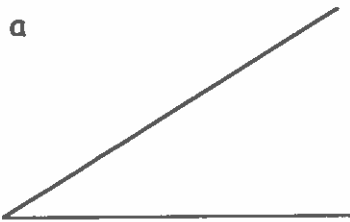
8.  The week after buying a phone, Margaret sent 620 texts.  
The following week, she sent 295 texts.  
How many texts did Margaret send over the fortnight ?

# CHAPTER 6

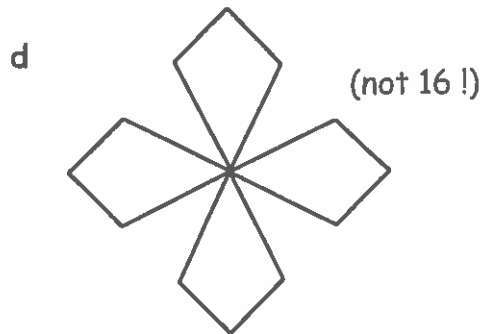
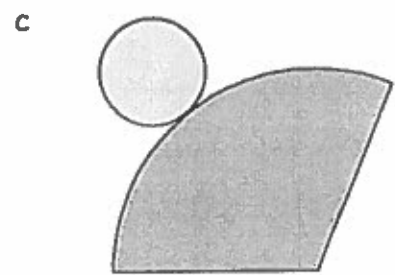
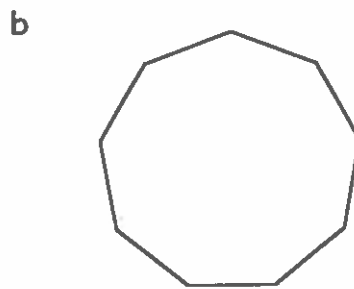
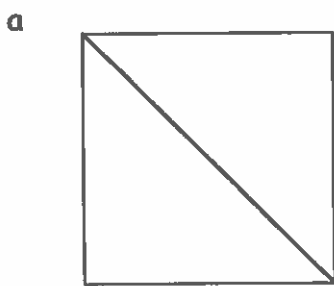


## Exercise 1

1. Copy these lines into your jotter and shade in the angle which they make :-



2. How many angles can you see in each picture ?



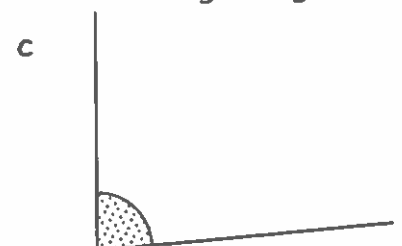
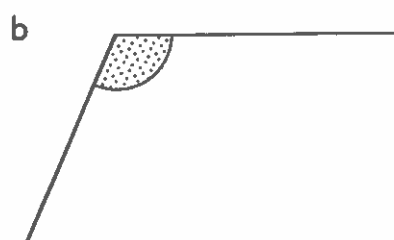
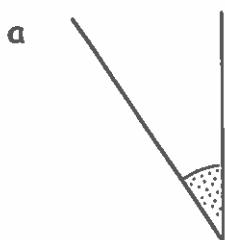
## Exercise 2

1. Look around the room or look outside.

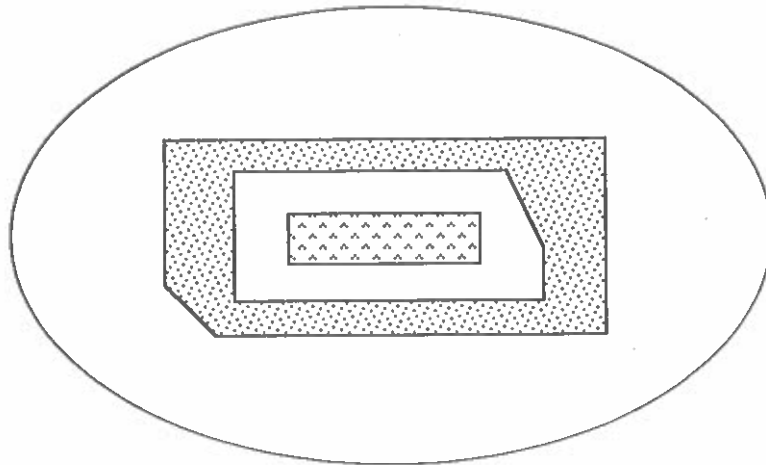
List 3 objects or places where you can see a right angle.



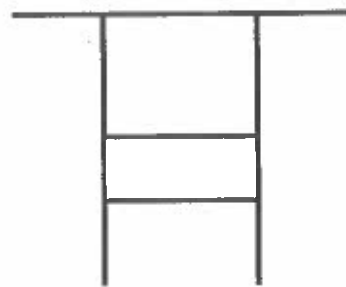
2. State whether each of these angles is **BIGGER** or **SMALLER** than a right angle.



3. How many **right angles** can you see in this shape ?



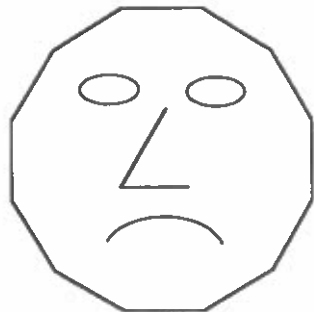
4. Make a neat copy of this shape and mark in any **right angles** with a  $\odot$ .



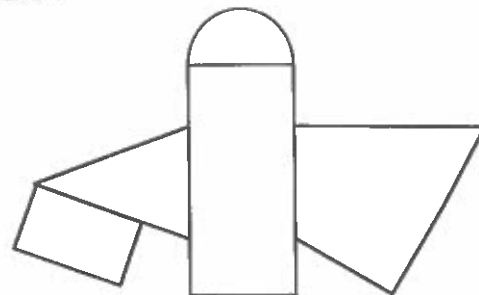
**Revision Exercise**

1. How many **angles** can you see in each picture ?

a



b



2. Which of these angles are **right angles** ?

a



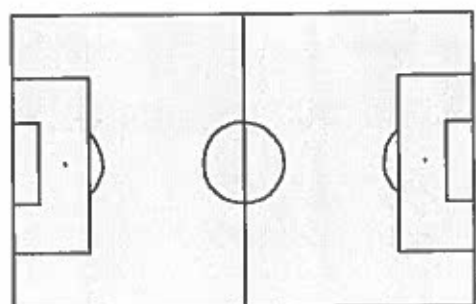
b



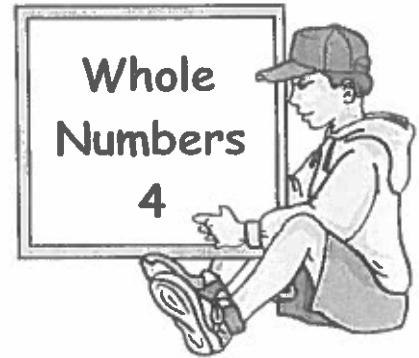
c



3. How many **right angles** can you see in this picture of a football pitch ?



# CHAPTER 7



## Exercise 1

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 36 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 57 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 68 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 29 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 86 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 96 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 79 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 49 \\ - 9 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 21 - 1$$

$$b \quad 45 - 4$$

$$c \quad 19 - 5$$

$$d \quad 55 - 3$$

$$e \quad 78 - 7$$

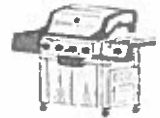
$$f \quad 29 - 9$$

$$g \quad 99 - 8$$

$$h \quad 68 - 6.$$

3. Bobby had 27 pieces of beef on a barbecue. He burned 4 of them.

How many pieces of meat were left to be eaten ?



4.



Alfie had 59 channels to pick from on his TV.

He withdrew the 6 sports channels after the Olympic Games.

How many channels has he now got on his TV ?

## Exercise 2

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 19 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 27 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 33 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 58 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 87 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 78 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 89 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 79 \\ - 59 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 25 - 10$$

$$b \quad 38 - 14$$

$$c \quad 47 - 25$$

$$d \quad 59 - 36$$

$$e \quad 64 - 53$$

$$f \quad 77 - 45$$

$$g \quad 87 - 35 - 12$$

$$h \quad 99 - 72 - 17.$$

3. Of the 64 cars parked in a car park, 12 of them have no tax disc.  
How many cars do have a tax disc ?



4.



- NALDO owned 78 supermarkets in Scotland.  
26 of the stores are now closed down.  
How many are still on the go ?

5. Ken the barber made £86 in tips this week.  
This was £33 more than he made last week.  
How much had Ken made on tips last week ?



### Exercise 3

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 264 \\ - 143 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 358 \\ - 126 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 607 \\ - 201 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 582 \\ - 360 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 756 \\ - 314 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 987 \\ - 826 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 850 \\ - 350 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 999 \\ - 914 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 397 - 193$$

$$b \quad 506 - 204$$

$$c \quad 799 - 257$$

$$d \quad 827 - 421$$

$$e \quad 898 - 323$$

$$f \quad 777 - 475$$

$$g \quad 800 - 400$$

$$h \quad 999 - 552.$$

3. Aden Stores sold 579 pairs of jeans last month.  
Top Spot sold 136 pairs less than that.  
How many pairs of jeans did Top Spot sell last month ?



4.



- In a sale, Jenna got £84 off a £399 laptop.  
How much did she pay ?



5. Out of the 366 days in the year 2012, it rained on 214 of them.  
On how many days did it stay dry ?



# Revision Exercise

1. Copy and work out :-

$$\begin{array}{r} a \quad 47 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 78 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 56 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 79 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 657 \\ - 413 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 897 \\ - 541 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 970 \\ - 420 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 888 \\ - 785 \\ \hline \end{array}$$

2. Set down and try these :-

$$a \quad 78 - 6$$

$$b \quad 59 - 3$$

$$c \quad 67 - 41$$

$$d \quad 85 - 25$$

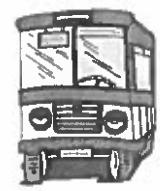
$$e \quad 494 - 71$$


$$f \quad 875 - 543$$

$$g \quad 690 - 170$$

$$h \quad 666 - 354.$$


3. Mrs Thom paid £35 for her bus journey.  
Miss Day paid £13 less for the same trip.  
How much did Miss Day pay ?



4.  Of the 48 cookies in a jar, 23 went soggy very quickly.  
How many cookies remained ok ?


5. Mo had saved 98 euros for his holiday.  
Jane had saved 26 euros less than this.  
How much had Jane saved ?



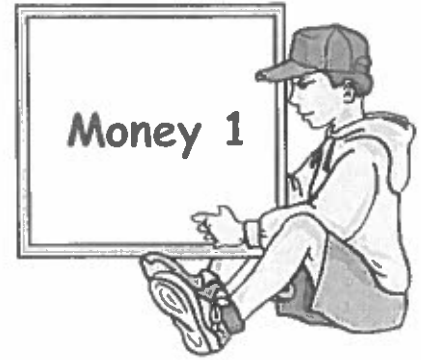
6.  Tony ran off 355 copies in black and white.  
He only made 123 colour copies.  
How many more black and white than colour did he have ?

7. May and June went strawberry picking.  
May collected 538. June got 214.  
How many more did May collect than June ?































8.  Farmer Baines has 99 scarecrows in his fields, compared to Farmer Collins, who has 17 less.  
How many scarecrows does Farmer Collins have ?

# CHAPTER 8

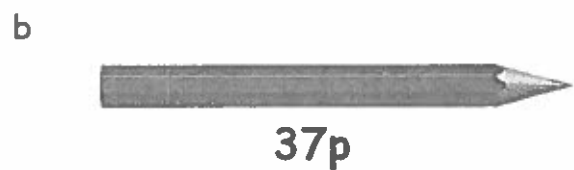
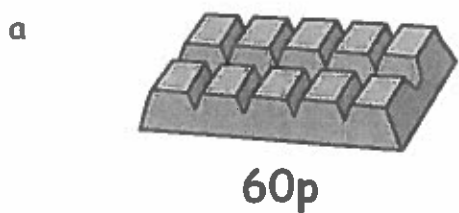


## Exercise 1

1. How many :-

- a  are in   ?
- b  are in   ?
- c  are in   ?
- d  are in   ?
- e  are in     ?
- f  are in  ?
- g  are in  ?
- h  are in    ? (Harder).
- i  are in   ?

2. List the coins you might use to pay for these :-



## Exercise 2

1.



TOM

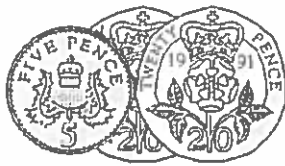


JOHN

- How much does Tom have and how much has John ?
- How much do they have altogether ?



2.



MARY



TINA

- How much does Mary have and how much has Tina ?
- How much **more** does Mary have than Tina ?

3. Dan has



Susan has some money too.



Dan & Susan

Altogether, they have 89p.

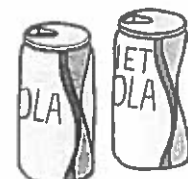
- How much does Susan have ?
- List what coins Susan might have.

4. Eve's mum gave her a one pound coin.

She bought a can of cola and a can of diet cola.


One cost 36p, the other cost 35p.

- How much did she pay for the 2 cans altogether ?
- How much change did she get from the £1 ?
- List the coins she might have received in her change.



# Revision Exercise

1. How many :-

a  are in   ?

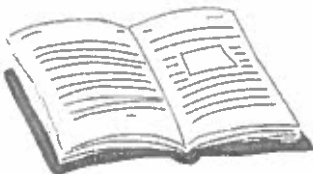
b  are in    ?


c  are in    ?

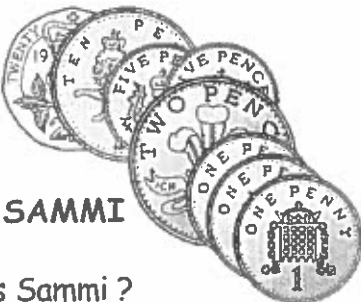

d  are in   ?

2. List the coins you might use to pay for these :-

a  40p

b  89p

3.  JACK

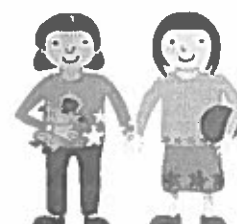
 SAMMI 

- a How much does Jack have and how much has Sammi ?
- b How much less does Jack have than Sammi ?

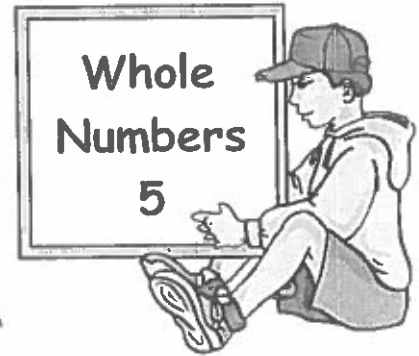
4. How much more money has Kirstin got than Fiona ?

 KIRSTIN

 FIONA



# CHAPTER 9



## Exercise 1

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 32 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 40 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 51 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 54 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 71 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 84 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 90 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 63 \\ - 9 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 60 - 2$$

$$b \quad 72 - 4$$

$$c \quad 34 - 5$$

$$d \quad 55 - 3$$

$$e \quad 85 - 7$$

$$f \quad 23 - 9$$

$$g \quad 96 - 8$$

$$h \quad 71 - 6.$$

3. Andy left himself 25 minutes to do the dusting and hoovering.

If he took 8 minutes to do the dusting, how long had he left to hoover ?



4.



Brenda and Brad deliver newspapers.

Brenda has 83 papers in her bundle, compared to Brad, who has 6 fewer.

How many papers are in Brad's bundle ?

## Exercise 2

1. Copy the following and find the answers :-

$$\begin{array}{r} a \quad 41 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 23 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 32 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 51 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 80 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 72 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 83 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 77 \\ - 59 \\ \hline \end{array}$$

2. Set down these sums like the ones above and work them out :-

$$a \quad 72 - 14$$

$$b \quad 45 - 19$$

$$c \quad 53 - 27$$

$$d \quad 87 - 49$$

$$e \quad 60 - 11$$

$$f \quad 40 - 38$$

$$g \quad 73 - 25$$

$$h \quad 101 - 13.$$

3. Mr Taylor is 63. Mrs Taylor is 49.  
How much older is Mr Taylor ?

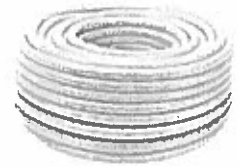


4.



Geoff scored 96 runs at cricket.  
Imran scored 18 less than that.  
How many runs did Imran score ?

5. Charlie took £50 cash to the garden centre.  
If he bought a garden hose for £21 how much change did he get ?



### Exercise 3

1. Copy the following and find the answers :-

$$\begin{array}{r} \text{a} \quad 503 \\ - 124 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b} \quad 722 \\ - 187 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c} \quad 910 \\ - 246 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d} \quad 697 \\ - 118 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e} \quad 501 \\ - 288 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f} \quad 904 \\ - 307 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g} \quad 995 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h} \quad 712 \\ - 575 \\ \hline \end{array}$$

2. Line up these sums like the ones above and work them out :-

$$\text{a} \quad 734 - 357$$

$$\text{b} \quad 861 - 535$$

$$\text{c} \quad 849 - 697$$

$$\text{d} \quad 930 - 605$$

$$\text{e} \quad 700 - 545$$

$$\text{f} \quad 602 - 199$$

$$\text{g} \quad 776 - 78$$

$$\text{h} \quad 1000 - 225.$$

3.

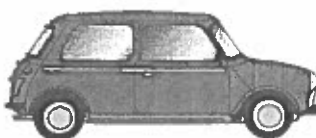


Ascos sold 346 bottles of brown sauce last Saturday.  
Lidos sold 186 less than that.  
How many bottles of brown sauce did Lidos sell ?

4. St Mark's Church has a total membership of 750.  
The largest turnout on a Sunday has been 480.  
How many was that short of a full membership turnout ?



5.



Billy paid £312 to get his Mini serviced and MOT'd.  
Jess paid £59 less for the same job at another garage.  
How much did Jess pay ?

## Exercise 4

1. Copy and work out :-

$$\begin{array}{r} a \quad 63 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 325 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 84 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 603 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 91 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 600 \\ - 435 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 924 \\ - 268 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 1000 \\ - 201 \\ \hline \end{array}$$

2. Set down and try these :-

$a \quad 95 - 68$

$b \quad 107 - 73$

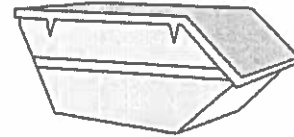
$c \quad 611 - 236$

$d \quad 762 - 295.$

3. Mr Alston paid £89 for his skip hire.

Mr Bennet paid £111 for his.

How much dearer was Mr Bennet's skip hire ?



4.



A giant pack of paper hankies has 250 hankies in it.

The baby pack has only 55.

How many more hankies has a giant pack ?

## Exercise 5

You may use a calculator in this exercise.



1. Work out :-

$a \quad 83 - 47$

$b \quad 91 - 15$

$c \quad 272 - 88$

$d \quad 448 - 99$

$e \quad 776 - 418$

$f \quad 355 - 67$

$g \quad 800 - 333$

$h \quad 1000 - 895.$

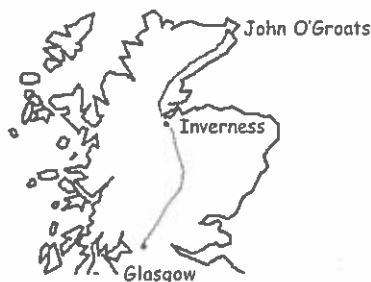
2. Mrs Hickey's gas meter read 0456 units at the end of September.

At the end of October it read 0512 units.

How many gas units had Mrs Hickey used throughout October ?



3.



It is 475 km from Glasgow to John o' Groats.

It is 208 km from Inverness to John o' Groats.

How far from Glasgow to Inverness ?

## Revision Exercise



1. Copy and complete :-

$$\begin{array}{r} a \quad 72 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 815 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 657 \\ - 179 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 901 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 668 \\ - 299 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 400 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 340 \\ - 97 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 1000 \\ - 450 \\ \hline \end{array}$$

2. Set down and try these :-

$$a \quad 76 - 29$$

$$b \quad 108 - 62$$

$$c \quad 412 - 137$$

$$d \quad 851 - 574.$$

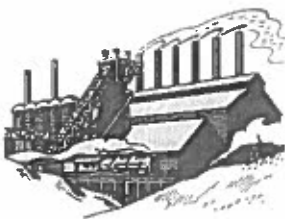
3. Joe is reading a book which has 168 pages.

He has already read 99 of them.

How many has he still to read ?



4.



A factory employs 540 people.

475 of them clock off at 5 pm.

The rest do overtime.

How many work overtime ?



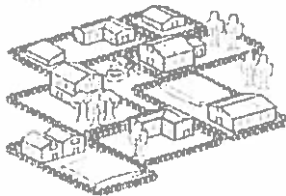
5. Ina hopes to raise £900 for charity.

She already has collected £550.

How much more does she need to reach her target ?



6.



The population of the small village of Denton is 642.

The next door village has 166 people less than Denton.

What's its population ?

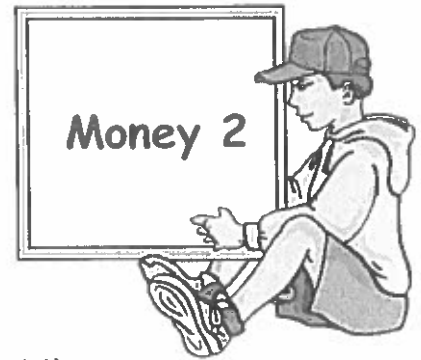
7. There are 500 apples on display in bowls in a shop.

12 apples fall out and another 100 go bad.

How many good apples are left in the bowls ?



# CHAPTER 10



## Exercise 1

- Write these amounts using a decimal point :- (24p = £0.24)  
a 82p                      b 60p                      c 16p                      d 5p.
- Write these amounts in pence without a decimal point :-  
a £0.27                      b £0.93                      c £0.21                      d £0.08.
- Write each of these in two ways :- (thirty six pence = 36p or £0.36)  
a thirty one pence                      b seventy four pence  
c ninety pence                      d nine pence.



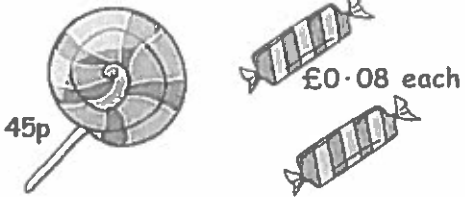
## Exercise 2



- Copy and complete these additions :-  
a  $\begin{array}{r} \text{£}0.24 \\ + \text{£}0.08 \\ \hline \end{array}$                       b  $\begin{array}{r} \text{£}0.46 \\ + \text{£}0.21 \\ \hline \end{array}$                       c  $\begin{array}{r} \text{£}0.44 \\ + \text{£}0.54 \\ \hline \end{array}$                       d  $\begin{array}{r} \text{£}0.66 \\ + \text{£}0.17 \\ \hline \end{array}$   
e  $\begin{array}{r} \text{£}0.50 \\ + \text{£}0.19 \\ \hline \end{array}$                       f  $\begin{array}{r} \text{£}0.87 \\ + \text{£}0.05 \\ \hline \end{array}$                       g  $\begin{array}{r} \text{£}0.26 \\ + \text{£}0.38 \\ \hline \end{array}$                       h  $\begin{array}{r} \text{£}0.07 \\ + \text{£}0.98 \\ \hline \end{array}$   
i  $\text{£}0.63 + \text{£}0.26$     j  $\text{£}0.33 + 59\text{p}$                       k  $67\text{p} + \text{£}0.28$                       l  $\text{£}0.58 + \text{£}0.42$ .
- Copy and complete these subtractions :-  
a  $\begin{array}{r} \text{£}0.57 \\ - \text{£}0.25 \\ \hline \end{array}$                       b  $\begin{array}{r} \text{£}0.97 \\ - \text{£}0.65 \\ \hline \end{array}$                       c  $\begin{array}{r} \text{£}0.78 \\ - \text{£}0.49 \\ \hline \end{array}$                       d  $\begin{array}{r} \text{£}0.67 \\ - \text{£}0.58 \\ \hline \end{array}$   
e  $\begin{array}{r} \text{£}0.91 \\ - \text{£}0.69 \\ \hline \end{array}$                       f  $\begin{array}{r} \text{£}0.74 \\ - \text{£}0.15 \\ \hline \end{array}$                       g  $\begin{array}{r} \text{£}0.82 \\ - \text{£}0.78 \\ \hline \end{array}$                       h  $\begin{array}{r} \text{£}0.51 \\ - \text{£}0.23 \\ \hline \end{array}$   
i  $\text{£}0.86 - \text{£}0.24$     j  $\text{£}0.95 - 17\text{p}$                       k  $94\text{p} - \text{£}0.27$                       l  $100\text{p} - \text{£}0.68$ .

3. Dave has 25p. His grandma gives him £0.65.  
How much does he have now?



4.  45p  
£0.08 each

A chew costs £0.08. A lolly costs 45p.

- a How much is it for 2 chews and a lolly?  
b What change will I get from £1?

### Exercise 3

1. a How much does Charles have and how much has Maureen?



Charles



Maureen

- b How much do they have altogether?

2. Copy and complete these calculations :-

a  $\begin{array}{r} \pounds 1.53 \\ + \pounds 1.24 \\ \hline \end{array}$

b  $\begin{array}{r} \pounds 2.95 \\ - \pounds 1.42 \\ \hline \end{array}$

c  $\begin{array}{r} \pounds 2.59 \\ + \pounds 1.23 \\ \hline \end{array}$

d  $\begin{array}{r} \pounds 2.34 \\ - \pounds 0.78 \\ \hline \end{array}$

e  $\begin{array}{r} \pounds 2.58 \\ + \pounds 2.76 \\ \hline \end{array}$

f  $\begin{array}{r} \pounds 4.13 \\ - \pounds 2.35 \\ \hline \end{array}$

g  $\begin{array}{r} \pounds 4.08 \\ + \pounds 1.90 \\ \hline \end{array}$

h  $\begin{array}{r} \pounds 5.26 \\ - \pounds 3.49 \\ \hline \end{array}$

i  $\pounds 1.86 + \pounds 2.54$     j  $\pounds 4.95 - \pounds 1.28$     k  $\pounds 2.95 + \pounds 1.45$     l  $\pounds 5.00 - \pounds 3.75$ .

3. Len bought a burger for £1.99 and a cola for £1.14.  
How much did it cost him?



- 4.



A slice of cake costs £2.66.

A wedge of cherry pie costs £1.39.

- a What's the cost for one of each?  
b If I handed over two £2 coins and a 20p coin, how much change would I get?

## Revision Exercise

1. Write these amounts using a decimal point :- (21p = £0.21)

- a 76p                      b 3p                      c 14p                      d 125p.

2. Write these amounts in pence without a decimal point :- (£0.57 = 57p)

- a £0.18                      b £0.97                      c £0.01                      d £1.17.

3. Copy and complete these :-

a    £0.24 + £0.65 -----	b    £2.87 - £1.53 -----	c    £1.66 + £1.27 -----	d    £4.37 - £3.25 -----
--------------------------------	--------------------------------	--------------------------------	--------------------------------

e    £2.66 + £2.89 -----	f    £4.47 - £3.75 -----	g    £3.98 + £1.09 -----	h    £5.02 - £3.88 -----
--------------------------------	--------------------------------	--------------------------------	--------------------------------

- i    £0.86 + £1.94    j    £4.05 - £1.41    k    £3.33 + 44p    l    £7.56 - 78p.

4. How much does each person have ?



Aaron



Irene



Linda



Hugh

5. Arif has £2.75. Mo has £2.96.

How much do they have altogether ?



6.



Monday - Friday, it costs £3.75 for the circus.

On a Saturday, it costs £4.50.

- a How much dearer is it on a Saturday ?  
b Bob and Ben went to the circus last Wednesday.  
What did they pay altogether ?

# CHAPTER 11

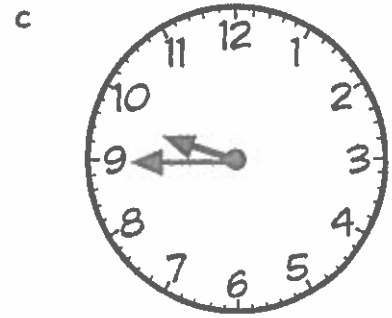
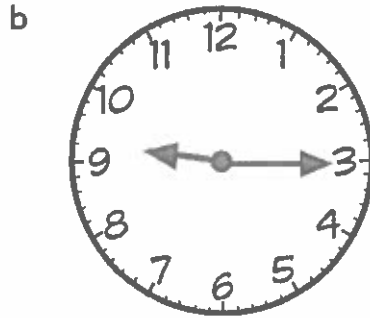
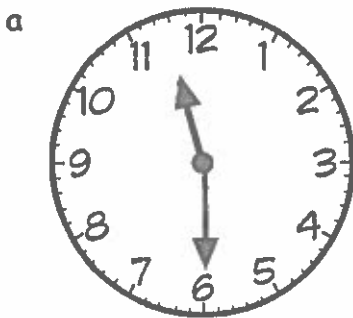


## Exercise 1

- What is :-
  - the day just after Tuesday
  - 2 days before Monday
  - the month just after April
  - 2 months before October
  - the season when it snows
  - the season when lambs are born ?
- Today is Thursday. I am going canoeing in 4 days time. On what day is that ?
  - Today is Sunday. I began my holiday 5 days ago. When did I begin my holiday ?

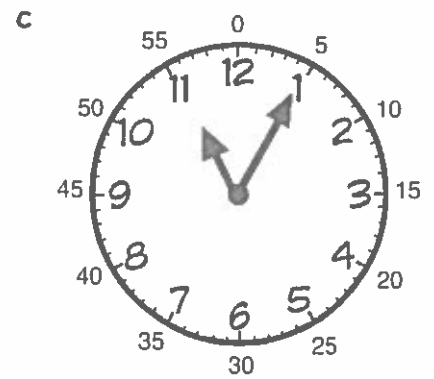
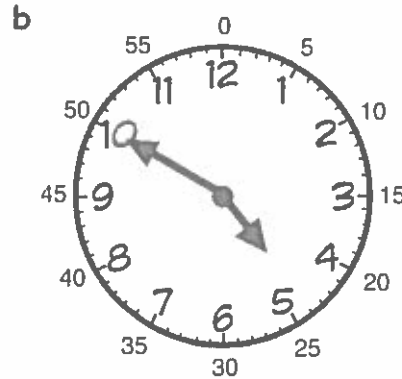
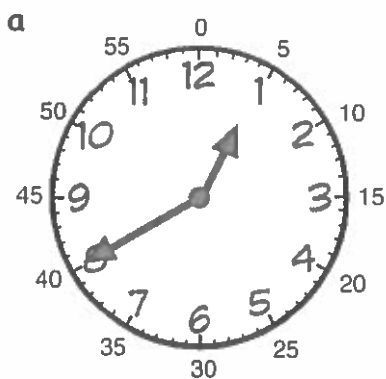


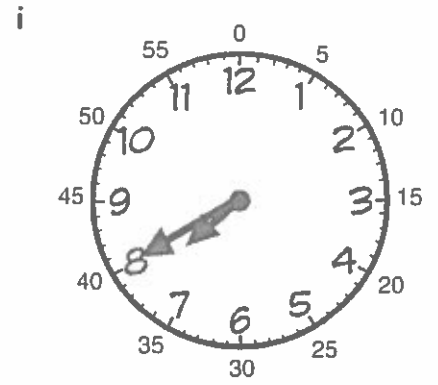
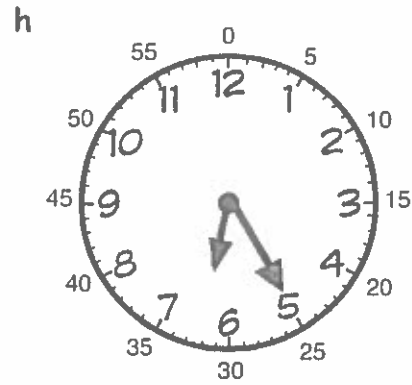
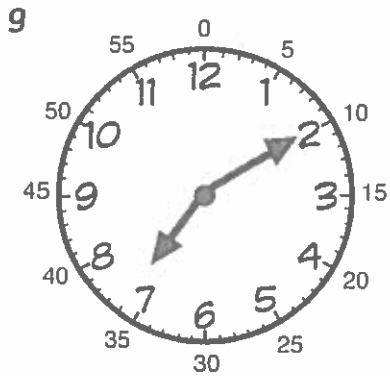
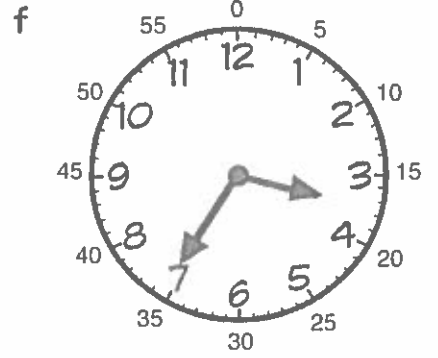
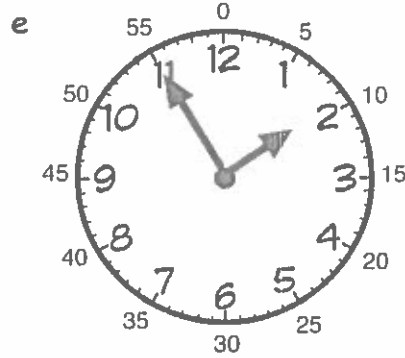
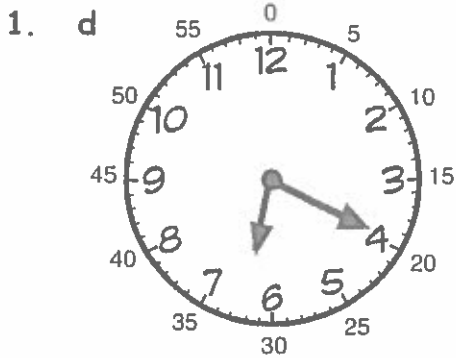
- What is the time showing on these clocks ?-



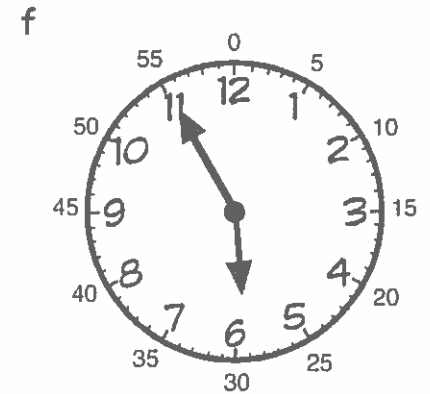
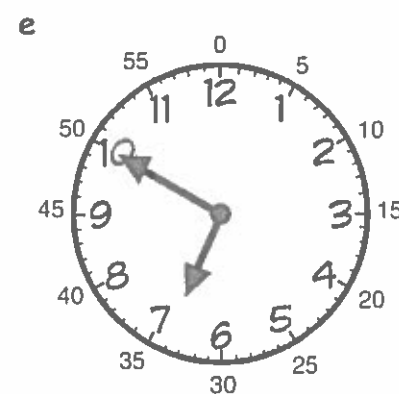
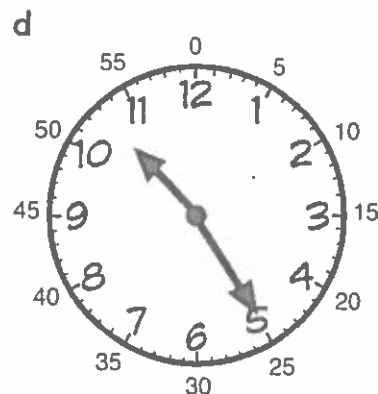
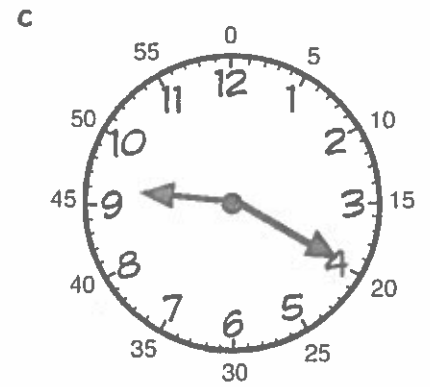
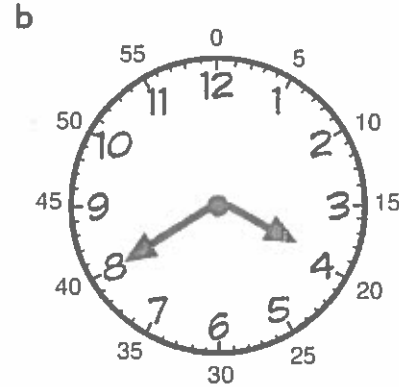
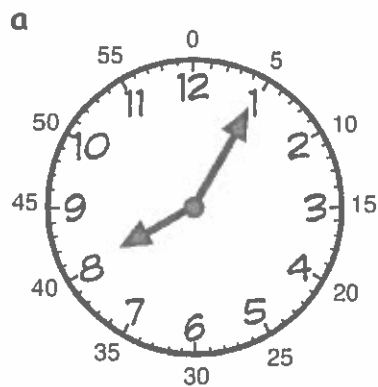
## Exercise 2

- Write down the time shown on each clock :-





2. Write these times in 2 ways :- e.g. 4:50 or ten to five.



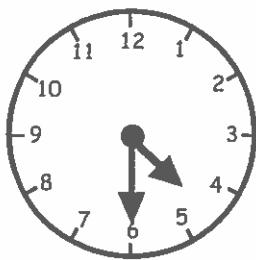
# Revision Exercise



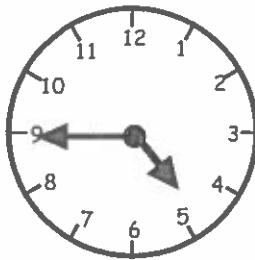
1.
  - a What is the 9th month of the year ?
  - b Today is Thursday. What day was it 4 days ago ?
  - c Today is Tuesday. In 5 days time, Aunt Nellie comes to cut my hair. On what day is she coming ?
  - d It is now quarter to ten at night. The match kicked off 2 hours ago. What time was kick off ?

2. Write down the time shown on each clock :-

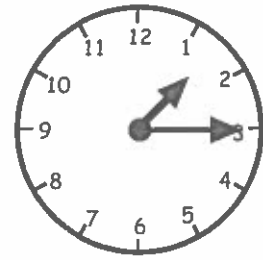
a



b

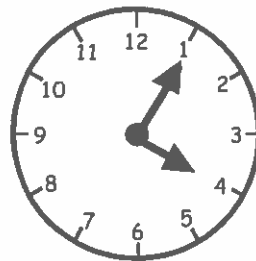


c

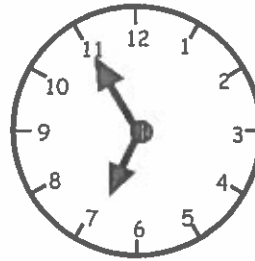


3. Write these times in 2 ways :- e.g. 6:25 or twenty five past six.

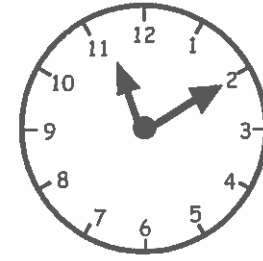
a



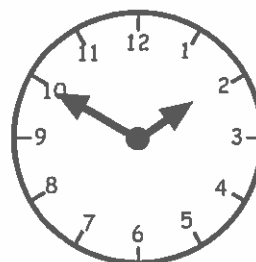
b



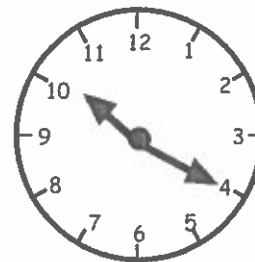
c



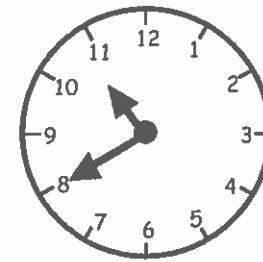
d



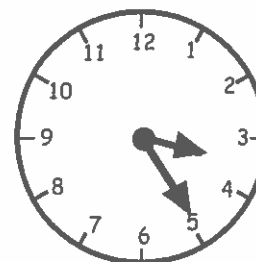
e



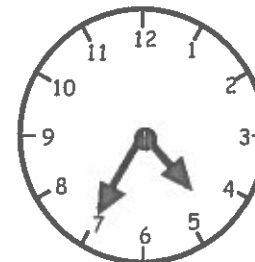
f



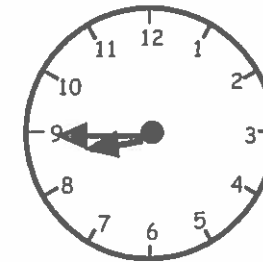
g



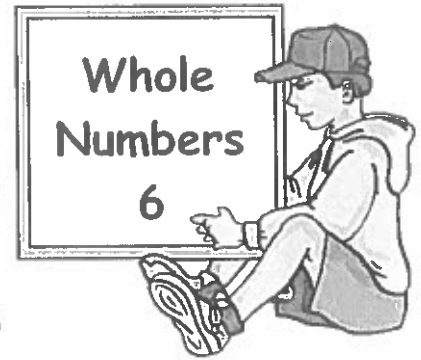
h



i



# CHAPTER 12



## Exercise 1

1. Copy and complete :-

- a  $2 \times 3 = \dots$       b  $2 \times 6 = \dots$       c  $2 \times 4 = \dots$       d  $2 \times 7 = \dots$   
e  $2 \times 5 = \dots$       f  $2 \times 9 = \dots$       g  $2 \times 8 = \dots$       h  $2 \times 10 = \dots$

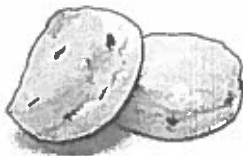
2. Copy the following and fill in the missing numbers :-

- a  $2 \times \dots = 8$       b  $2 \times \dots = 4$       c  $2 \times \dots = 10$       d  $2 \times \dots = 6$   
e  $2 \times \dots = 20$       f  $2 \times \dots = 16$       g  $2 \times \dots = 18$       h  $2 \times \dots = 14$ .

3. 2 people paid £5 each for a few games of bowling.  
What was the total cost ?



4.



Joshua and Beth have each baked 7 fruit scones.  
How many have they made altogether ?

## Exercise 2

1. Copy the following and work out the answers :-

- a  $\begin{array}{r} 13 \\ \times 2 \\ \hline \end{array}$       b  $\begin{array}{r} 27 \\ \times 2 \\ \hline \end{array}$       c  $\begin{array}{r} 35 \\ \times 2 \\ \hline \end{array}$       d  $\begin{array}{r} 58 \\ \times 2 \\ \hline \end{array}$   
e  $\begin{array}{r} 64 \\ \times 2 \\ \hline \end{array}$       f  $\begin{array}{r} 79 \\ \times 2 \\ \hline \end{array}$       g  $\begin{array}{r} 86 \\ \times 2 \\ \hline \end{array}$       h  $\begin{array}{r} 90 \\ \times 2 \\ \hline \end{array}$

2. Set down these multiplications like the ones above and work them out :-

- a  $15 \times 2$       b  $46 \times 2$       c  $37 \times 2$       d  $53 \times 2$   
e  $70 \times 2$       f  $84 \times 2$       g  $76 \times 2$       h  $98 \times 2$ .

3. A watermelon costs 65p. What would it cost for two ?



4.



Beryl has to take 18 ml of cough syrup twice a day ?  
How many ml does she take in total per day ?

## Exercise 3

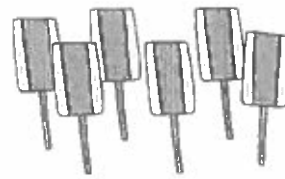
1. Copy and complete :-

a  $3 \times 3 = \dots$       b  $3 \times 2 = \dots$       c  $3 \times 4 = \dots$       d  $3 \times 7 = \dots$   
 e  $3 \times 5 = \dots$       f  $3 \times 9 = \dots$       g  $3 \times 8 = \dots$       h  $3 \times 10 = \dots$

2. Copy the following and fill in the missing numbers :-

a  $3 \times \dots = 9$       b  $3 \times \dots = 3$       c  $3 \times \dots = 15$       d  $3 \times \dots = 12$   
 e  $3 \times \dots = 21$       f  $3 \times \dots = 24$       g  $3 \times \dots = 27$       h  $3 \times \dots = 30$ .

3. Donald bought 6 chewy Lollies at 3 pence each.  
 How much did he spend?



4.



Three dogs are given 8 bones each.  
 How many bones do they have altogether?

## Exercise 4

1. Copy the following and work out the answers :-

a	$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$	b	$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$	c	$\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$	d	$\begin{array}{r} 48 \\ \times 3 \\ \hline \end{array}$
e	$\begin{array}{r} 57 \\ \times 3 \\ \hline \end{array}$	f	$\begin{array}{r} 65 \\ \times 3 \\ \hline \end{array}$	g	$\begin{array}{r} 89 \\ \times 3 \\ \hline \end{array}$	h	$\begin{array}{r} 98 \\ \times 3 \\ \hline \end{array}$

2. Set down these multiplications like the ones above and work them out :-

a	$16 \times 3$	b	$29 \times 3$	c	$37 \times 3$	d	$50 \times 3$
e	$68 \times 3$	f	$72 \times 3$	g	$97 \times 3$	h	$88 \times 3$

3. At Halloween, Mrs Pears handed out 3 walnuts to 45 children.  
 How many walnuts was that altogether?



4.



Bubble gum costs 39p per packet.

- a How much will 2 packets cost?  
 b How much will it cost in total for Tom, James and John to buy a packet each.

## Revision Exercise

1. Copy the following and work out the answers :-

$$\begin{array}{r} a \quad 17 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 24 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 38 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 47 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 55 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 66 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 77 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} h \quad 92 \\ \times 3 \\ \hline \end{array}$$

2. Set down these multiplications like the ones above and work them out :-

$$a \quad 14 \times 2$$

$$b \quad 37 \times 3$$

$$c \quad 45 \times 2$$

$$d \quad 80 \times 3$$

$$e \quad 90 \times 2$$

$$f \quad 68 \times 3$$

$$g \quad 97 \times 2$$

$$h \quad 99 \times 2$$

3. Simon's house insurance costs him £95 every year.  
How much does he pay for 2 year's insurance cover ?



4. Sadie's travel insurance costs her £78 every year.  
What will it cost her for 3 year's insurance cover ?



5.



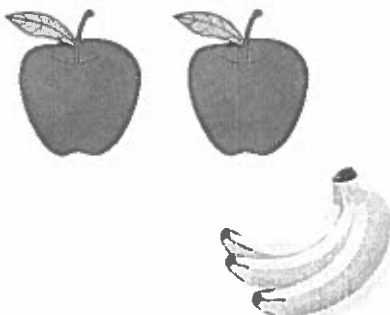
Golf balls come in packs of three.  
A golf shop has 56 packs left in stock.  
How many golf balls is that altogether ?

6. An adult fare to Aberdeen costs £49 with Scottrack.  
A child's fare is £28.



- a What's the cost for 2 adults ?
- b What's the cost for 3 children ?
- c What's the total cost for 2 adults and 3 children ?

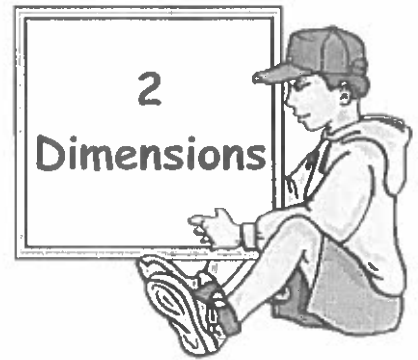
7.



Jade buys 2 apples at 24p each.  
Gemma buys 3 bananas at 19p each.

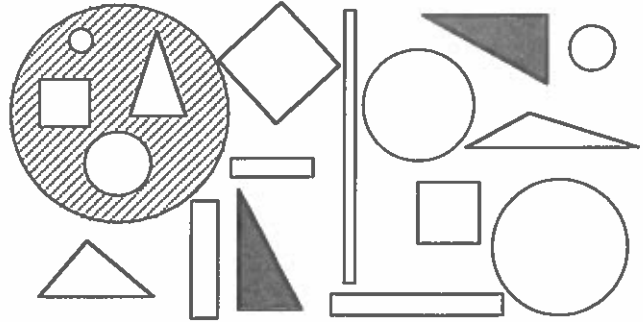
- a How much did Jade spend ?
- b How much did Gemma spend ?
- c How much more than Jade did Gemma spend ?

# CHAPTER 13

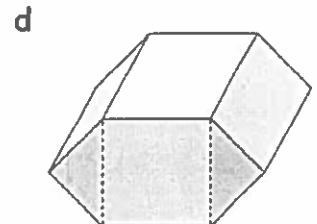
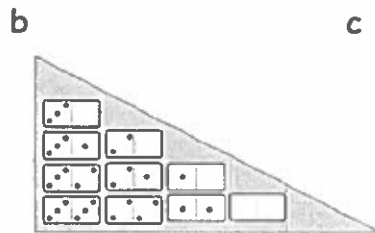
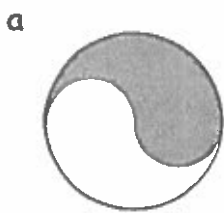


## Exercise 1

- Look at this selection of shapes.
  - How many squares are there?
  - How many triangles?
  - How many circles?
  - How many rectangles?
  - How many black triangles?

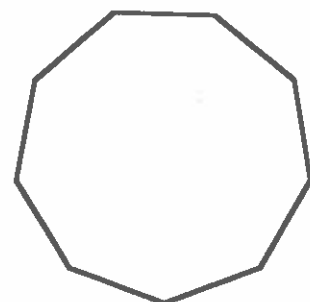


- Look at these pictures and write down any 2D shapes you see in them :-



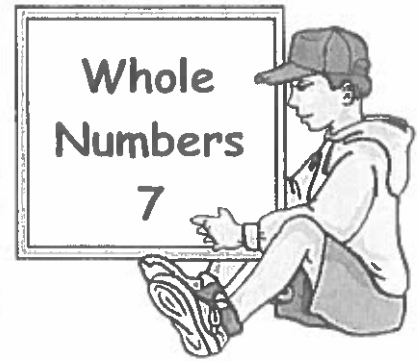
## Exercise 2

- How many :-
  - sides has a rectangle
  - corners has a circle
  - angles has a rectangle
  - sides has a circle
  - angles has a square
  - sides has a triangle
  - corners has a triangle
  - corners has a square?
- Look at this shape.
  - How many sides does it have?
  - How many corners?
  - How many angles?
  - Do you know the name of this shape?



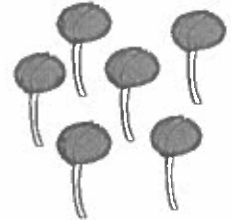


# CHAPTER 14



## Exercise 1






- Share :-
  - 6 lollies between 2 children. How many does each child get ?
  - 8 marbles between 2 boys. How many does each boy get ?
  - 10 Rolos between 2 girls. How many does each girl get ?
  - 12 pens between 2 pupils. How many does each pupil get ?



## Exercise 2

- Copy the following and work out the answers :-

a	$8 \div 2 = \dots$	b	$12 \div 2 = \dots$	c	$6 \div 2 = \dots$	d	$14 \div 2 = \dots$
e	$10 \div 2 = \dots$	f	$16 \div 2 = \dots$	g	$18 \div 2 = \dots$	h	$20 \div 2 = \dots$
- Fill in the missing numbers :-

a	$\dots \div 2 = 1$	b	$\dots \div 2 = 2$	c	$\dots \div 2 = 5$	d	$\dots \div 2 = 8$
e	$\dots \div 2 = 7$	f	$\dots \div 2 = 3$	g	$\dots \div 2 = 10$	h	$\dots \div 2 = 9$
- 10 bananas are split between 2 chimps.  
How many do they each get ?
-  18 fish are shared between 2 penguins.  
How many fish do they get each ?
- Chef puts 2 eggs on each guests' plate.  
If he has a dozen (12) eggs, how many plates will he need ?
-  Tom divided 14 flowers between his 2 girlfriends.  
How many flowers did each girl get ?
- A plug has 2 sockets.  
If Gordon needs 10 sockets, how many plugs will he need to buy ?

### Exercise 3

1. Copy and complete :-

a  $2 \overline{)24}$

b  $2 \overline{)62}$

c  $2 \overline{)84}$

d  $2 \overline{)46}$

e  $2 \overline{)28}$

f  $2 \overline{)40}$

g  $2 \overline{)68}$

h  $2 \overline{)82}$

2. 22 children are split into 2 football teams.

How many in each team ?



3.



Rovers have won the cup every 2 years.

Over 60 years, how many times did they win it ?

4. Jilly put 48 tins of lentil soup into 2 boxes.

Each box has the same number of tins.

How tins of soup are in each box ?



### Exercise 4

1. Share :-

a 6 chewits between 3 girls. How many does each girl get ?

b 12 grapes between Joe and 2 pals. How many does each boy get ?

c 15 bubble gums between 3 children. How many does each child get ?

d 18 plants amongst 3 pots. How many are in each pot ?



### Exercise 5

1. Copy the following and work out the answers :-

a  $9 \div 3 = \dots$

b  $15 \div 3 = \dots$

c  $3 \div 3 = \dots$

d  $24 \div 3 = \dots$

e  $27 \div 3 = \dots$

f  $18 \div 3 = \dots$

g  $12 \div 3 = \dots$

h  $30 \div 3 = \dots$

2. Fill in the missing numbers :-

a  $\dots \div 3 = 2$

b  $\dots \div 3 = 5$

c  $\dots \div 3 = 8$

d  $\dots \div 3 = 6$

e  $\dots \div 3 = 7$

f  $\dots \div 3 = 9$

g  $\dots \div 3 = 10$

h  $\dots \div 3 = 4$

3. Copy and complete :-

a  $3 \overline{)36}$

b  $3 \overline{)69}$

c  $3 \overline{)60}$

d  $3 \overline{)93}$

e  $3 \overline{)33}$

f  $3 \overline{)39}$

g  $3 \overline{)96}$

h  $2 \overline{)62}$ .

4. Bob sold 36 TV's over 3 days, selling the same number each day.  
How many did he sell each day?



5.



3 apples are used to make 1 pie.

How many pies can be made with 66 apples?

6. Davie's gran is 3 times as old as him.  
If Gran is 69 years old, how old is Davie?



### Revision Exercise

1. Find :-

a  $10 \div 2$

b  $15 \div 3$

c  $20 \div 2$

d  $9 \div 3$

e  $16 \div 2$

f  $21 \div 3$

g  $18 \div 2$

h  $27 \div 3$ .

2. Work out :-

a  $3 \overline{)90}$

b  $2 \overline{)40}$

c  $3 \overline{)36}$

d  $2 \overline{)64}$

e  $3 \overline{)93}$

f  $2 \overline{)86}$

g  $3 \overline{)69}$

h  $2 \overline{)100}$ .

3. Rab has to empty his wheelbarrow every 3 minutes.  
Over 1 hour (60 minutes), how many times has he to do this?



4. An express train only stops at every 2nd station.  
If there were 24 stations on its route, how many did it stop at?



5.



Billy got 66 sums correct.

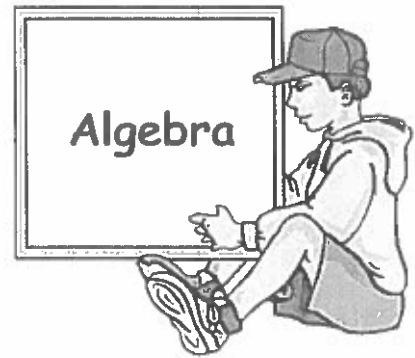
Gerry got **half** of Billy's score.

May only managed **one third** ( $\div 3$ ) of Gerry's score!

a How many sums did Gerry get correct?

b How many did May get correct?

# CHAPTER 15



## Exercise 1

1. What number does \* stand for?

a  $1 + * = 8$

b  $5 + * = 7$

c  $6 + * = 10$

d  $5 + * = 11$

e  $8 + * = 15$

f  $7 + * = 16$

g  $4 + * = 17$

h  $3 + * = 19$

i  $10 + * = 20.$

2. Work out what number  $\square$  stands for in each of these :-

a  $6 - \square = 5$

b  $7 - \square = 3$

c  $9 - \square = 6$

d  $7 - \square = 7$

e  $12 - \square = 5$

f  $14 - \square = 12$

g  $17 - \square = 7$

h  $20 - \square = 11$

i  $22 - \square = 14.$

## Exercise 2

1. What number does  $\bigcirc$  stand for?

a  $\bigcirc + 2 = 8$

b  $\bigcirc + 5 = 10$

c  $\bigcirc + 9 = 13$

d  $\bigcirc + 11 = 19$

e  $\bigcirc + 19 = 30$

f  $\bigcirc + 22 = 38$

g  $\bigcirc - 7 = 6$

h  $\bigcirc - 9 = 0$

i  $\bigcirc - 10 = 14.$

2. Work out what number @ stands for in each of these :-

a  $4 + @ = 10$

b  $8 - @ = 6$

c  $13 + @ = 20$

d  $21 - @ = 8$

e  $@ + 14 = 17$

f  $@ - 6 = 12$


g  $25 - @ = 11$


h  $@ - 8 = 20$

i  $@ - 20 = 20.$


### Exercise 3

1. What number does  stand for?


a   $\times 2 = 10$


b   $\times 3 = 9$


c   $\div 2 = 8$


d   $\div 3 = 7$

e   $\times 2 = 18$

f   $\times 3 = 27$

g   $\div 2 = 10$

h   $\div 3 = 6$

i   $\times 3 = 33$ .

2. Work out what number  stands for in each of these :-

a  $3 \times$    $= 12$

b  $2 \times$    $= 6$


c  $3 \times$    $= 21$

d  $24 \div$    $= 8$

e   $\div 2 = 0$

f  $15 \div$    $= 5$

g   $\times 2 = 2$

h   $\div 3 = 10$

i   $\times 2 = 20$ .

### Exercise 4

1. What sign does  stand for here? Choose from +, -,  $\times$  or  $\div$ .

a  $4$    $4 = 8$

b  $7$    $7 = 0$

c  $2$    $6 = 12$

d  $3$    $3 = 1$

e  $6$    $3 = 18$

f  $14$    $3 = 11$

g  $20$    $2 = 10$

h  $9$    $8 = 17$

i  $10$    $3 = 30$ .

2. Copy the following and put in a +, -,  $\times$  or  $\div$  to make the sum work.

a  $5 \dots 5 = 0$

b  $6 \dots 3 = 18$

c  $9 \dots 3 = 12$

d  $30 \dots 5 = 25$

e  $24 \dots 3 = 8$

f  $16 \dots 4 = 20$

g  $4 \dots 4 = 8$

h  $4 \dots 4 = 16$

i  $7 \dots 7 = 0$ .

## Revision Exercise

1. What number does \* stand for ?

a  $5 + * = 12$

b  $8 - * = 4$

c  $14 + * = 21$

d  $17 - * = 9$

e  $2 \times * = 8$

f  $3 \times * = 15$

g  $* + 7 = 12$

h  $* + 9 = 22$

i  $* - 6 = 19$

j  $* - 8 = 22$

k  $* \times 3 = 30$

l  $* \times 2 = 18$

m  $18 + * = 30$

n  $* - 12 = 18$

o  $* \div 2 = 7$

p  $24 \div * = 8$

q  $16 \div * = 8$

r  $* \div 3 = 100$ .

2. Copy the following and put in a +, -,  $\times$  or  $\div$  to make the sum work.

a  $9 \dots 9 = 0$

b  $7 \dots 3 = 10$

c  $2 \dots 0 = 0$

d  $18 \dots 3 = 6$

e  $18 \dots 8 = 26$

f  $19 \dots 9 = 10$

g  $5 \dots 2 = 10$

h  $9 \dots 3 = 27$

i  $4 \dots 4 = 1$

j  $14 \dots 2 = 7$

k  $26 \dots 11 = 37$

l  $50 \dots 20 = 30$

m  $3 \dots 11 = 33$

n  $30 \dots 2 = 60$

o  $60 \dots 3 = 20$

p  $80 \dots 2 = 40$

q  $55 \dots 45 = 100$

r  $20 \dots 10 = 200$ .

3. Here are 10 calculations.

Put them into the correct 3 pairs with an = sign between them.

$18 \div 3$

$9 \times 3$

$24 \div 3$

$12 + 6$

$19 - 11$

$13 + 14$

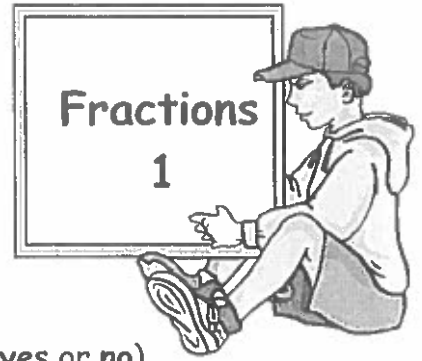
$2 \times 5$

$20 \div 2$

$2 \times 9$

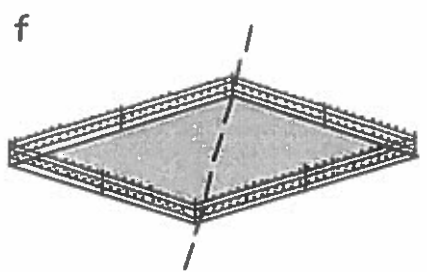
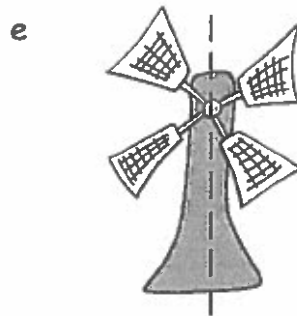
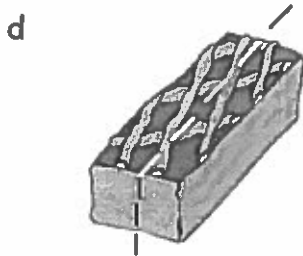
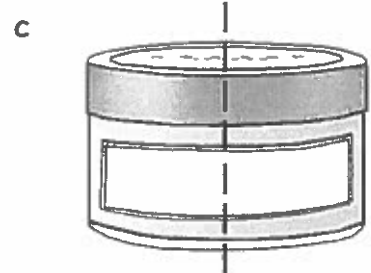
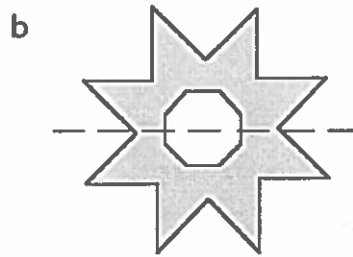
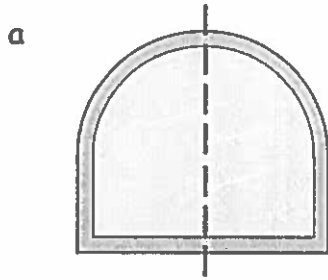
$15 - 9$

# CHAPTER 16

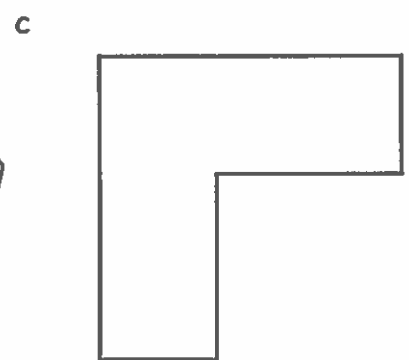
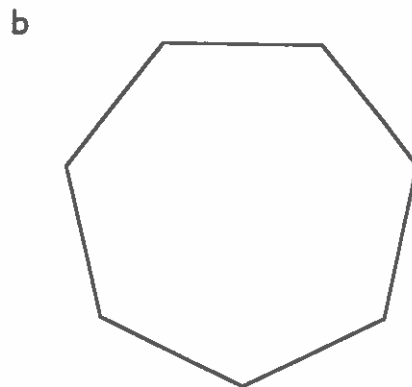
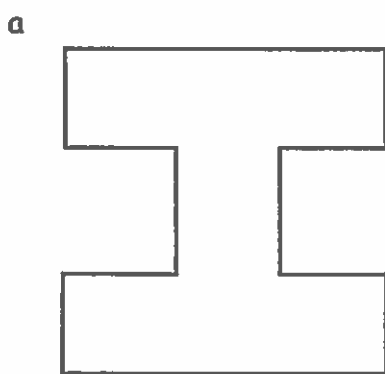


## Exercise 1

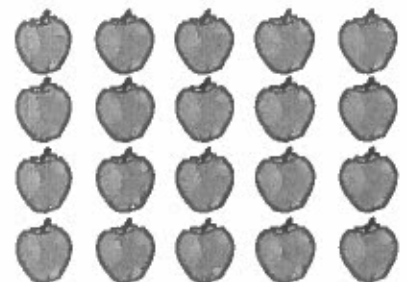
1. Which of these shapes have been cut exactly in half? (yes or no)



2. Draw these three shapes in your jotter and draw in a line to show how to half them.

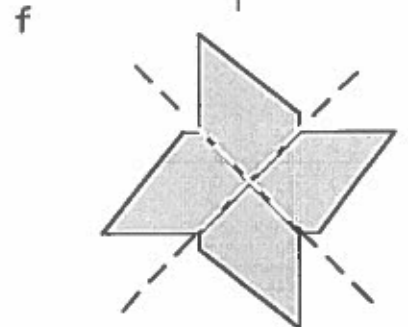
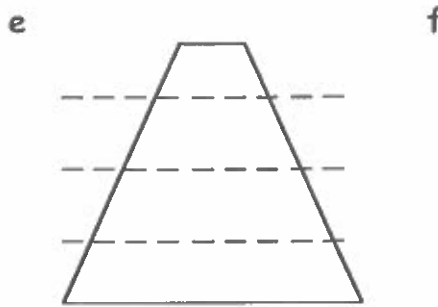
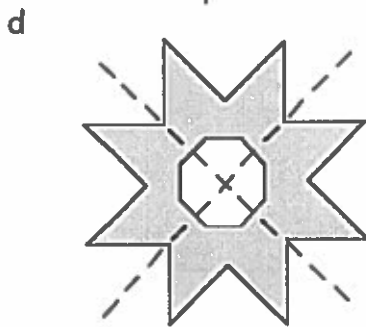
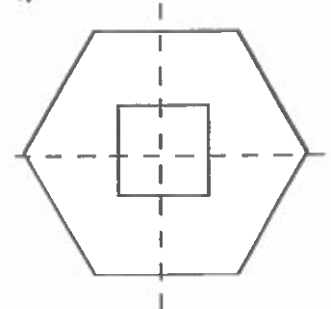
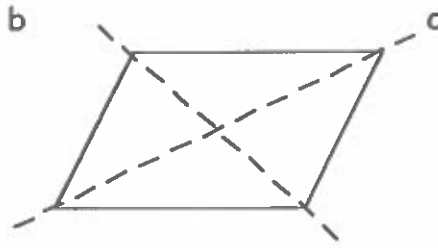
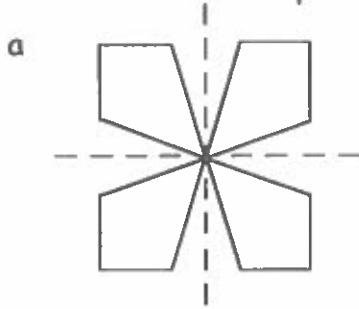


3. Dawn and Donna have picked 20 apples from a tree.  
Dawn picked half of them. How many apples was that?

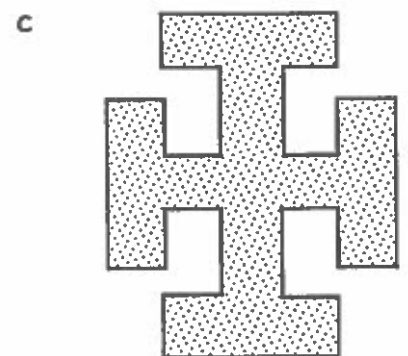
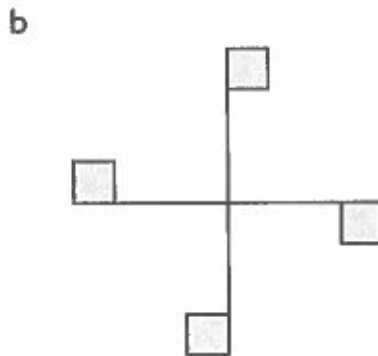
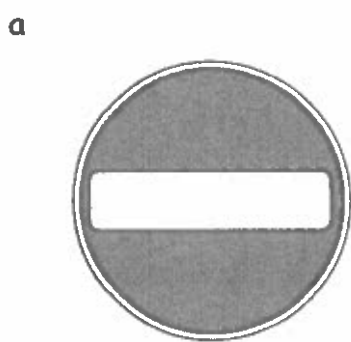


## Exercise 2

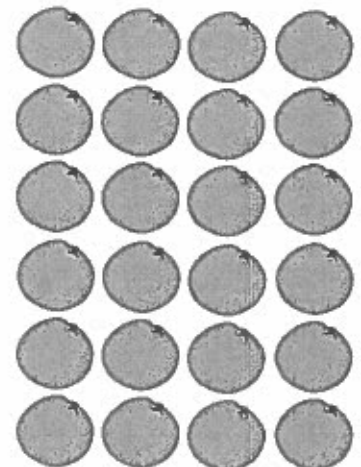
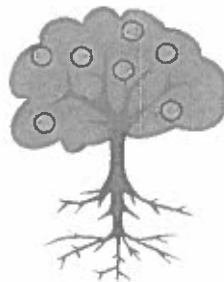
1. Which of these shapes have been cut exactly into quarters? (yes or no)



2. Trace these shapes in your jotter and draw in 2 lines to show how to quarter them.



3. Joe and Johanna have picked 24 oranges from a tree.  
Joe picked only one quarter of them.  
How many oranges was that?



## Exercise 3

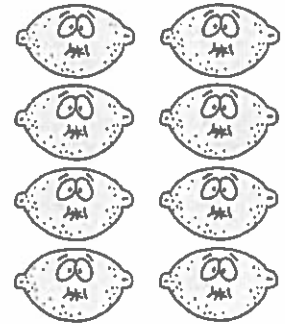
1. There are 8 lemons left in a basket in a supermarket.

a Mary is thinking about buying half of them.

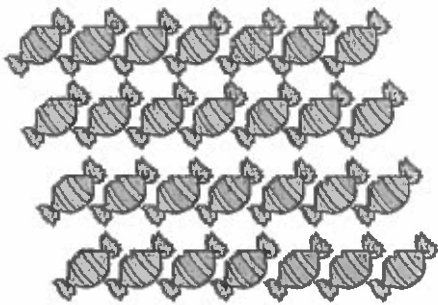
How many is that ?

b Harold jumps ahead of Mary and buys a quarter of them.

How many lemons did Harold buy ?



2.



There are 28 toffees in a box.

a How many toffees would I have if I took half of them ?

b How many toffees would I have if I took a quarter of them ?

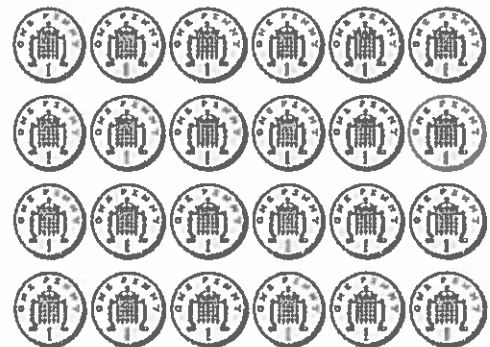
3. 24 one pence coins are lying on the kitchen table.

a How many coins would I have if I took half of them ?

b How many coins would have been left ?

c How many coins would I have had if I had taken a quarter of them ?

d How many coins would have been left then ?



4. a What is a half of 2 ?

b What is a half of 20 ?

c What is a half of 24 ?

d What is a half of 60 ?

e What is a quarter of 4 ?

f What is a quarter of 12 ?

g What is a quarter of 20 ?

h What is a quarter of 40 ?

i What is a half of 18 ?

j What is a half of 26 ?

k What is a quarter of 28 ?

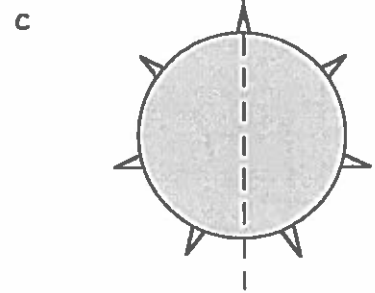
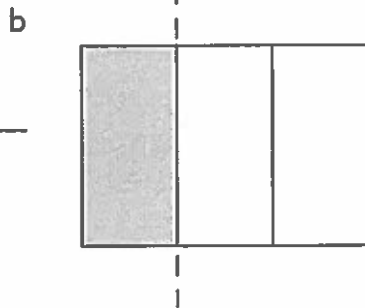
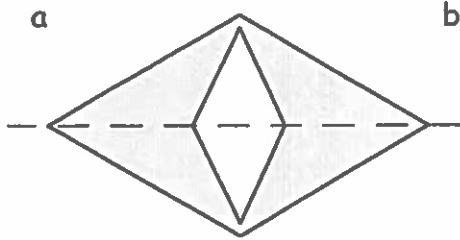
l What is a quarter of 48 ?

m What is a half of 100 ?

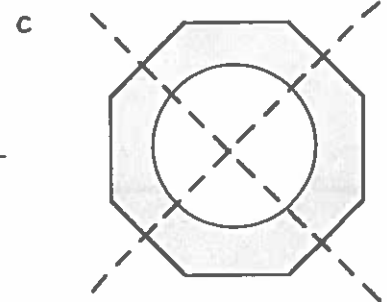
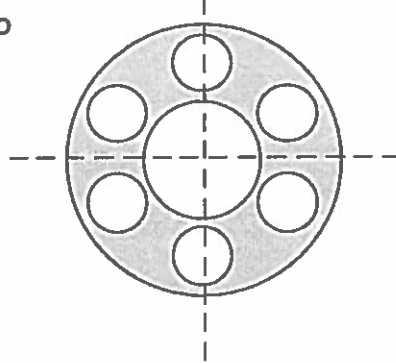
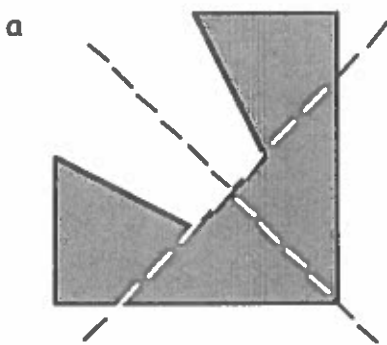
n What is a quarter of 80 ?

## Revision Exercise

1. Which of these shapes have been cut exactly in half? (yes or no)



2. Which of these shapes have been cut exactly into quarters? (yes or no)

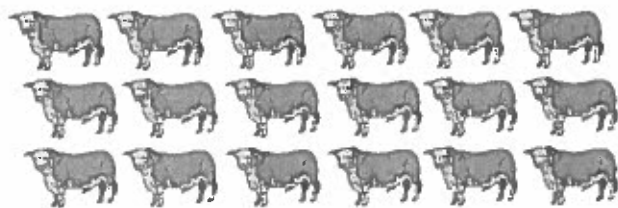


3. Write down the missing word in each of these :-

a To get a half of something, divide it into ..... equal bits.

b To get a quarter of something, divide it into ..... equal bits.

4. There are 18 cows in a shed.  
Half of them have been milked.  
How many cows was that?

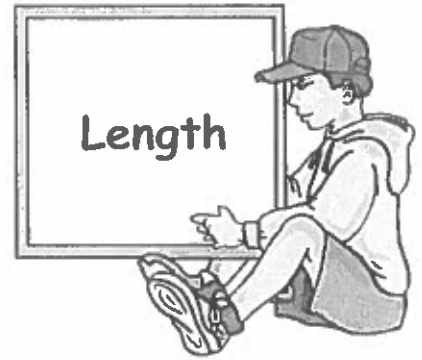


A butcher has 20 sausages on display in the shop.  
A quarter of them are made out of pork.  
How many pork sausages are there?

6. 28 children were born in Vale Hospital last week.  
A quarter of them were girls.  
How many babies were boys?



# CHAPTER 17

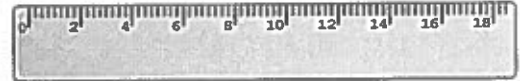


## Exercise 1

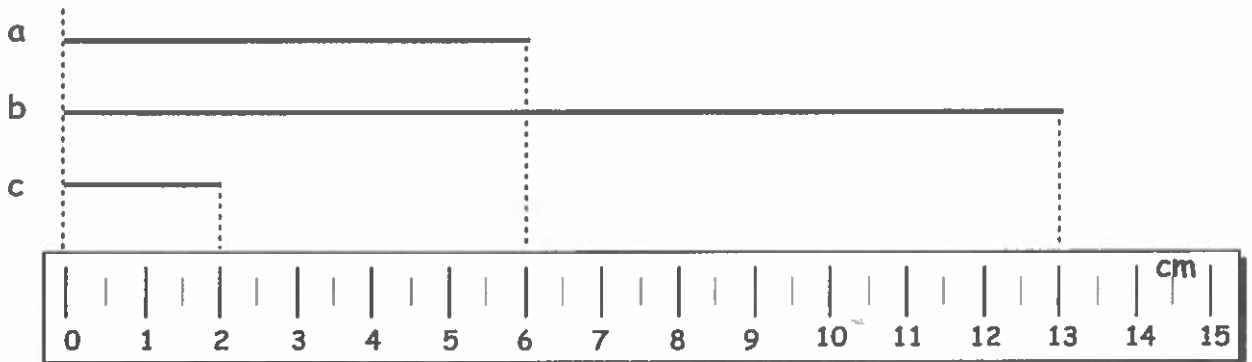
No Homework

## Exercise 2

You will need a ruler here.



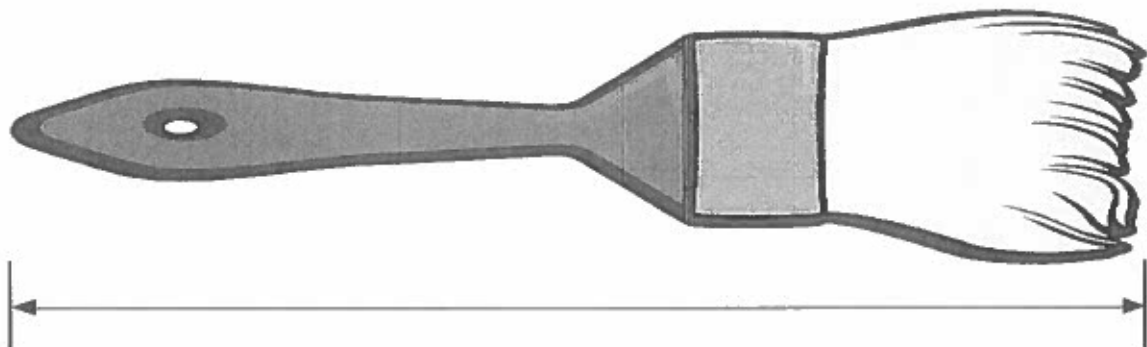
1. Write down the lengths of these lines in centimetres (cm) :-



2. Use a ruler to measure these lines in centimetres and write down your answers :-



3. Measure and write down the length of the paintbrush.



4. Use a ruler to draw a line of length :-

- a 5 cm                      b 10 cm                      c 13 cm                      d  $7\frac{1}{2}$  cm.

5. Draw a rectangle which is 7 cm long and 5 cm wide.

6. a Which girl is smaller ?

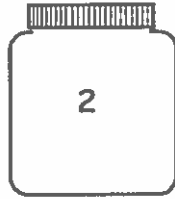
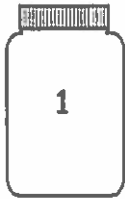


Amy



June

b Which jar is narrower ?



c Which animal is taller ?

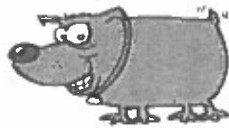


kangaroo



giraffe

d Which dog is longer ?



1



2

### Exercise 3

- Without measuring, guess how many metres wide your bedroom is.
- Without measuring, guess how many metres long a football pitch is.
- Without measuring, guess how many metres tall a fridge freezer is.
- 1 metre = 100 centimetres.

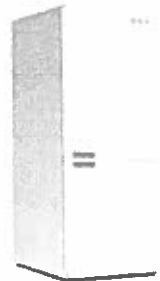
How many centimetres are there in :-

- |             |                       |                       |                           |
|-------------|-----------------------|-----------------------|---------------------------|
| a 2 metres  | b 6 metres            | c 10 metres           | d 4 metres                |
| e 11 metres | f $\frac{1}{2}$ metre | g $\frac{1}{4}$ metre | h $2\frac{1}{2}$ metres ? |

5. 100 centimetres = 1 metre.

How many metres are there in :-

- |           |          |          |           |
|-----------|----------|----------|-----------|
| a 200 cm  | b 700 cm | c 300 cm | d 500 cm  |
| e 1000 cm | f 150 cm | g 750 cm | h 25 cm ? |



## Revision Exercise

1. Use a ruler to measure these lines in centimetres and write down your answer :-

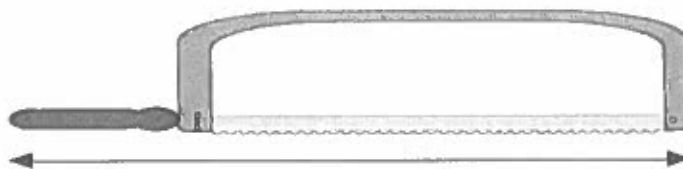
a 

b 

c 

d 

2. Measure and write down the length of the toy saw.



3. Use a ruler to draw a line of length :-

a 3 cm

b 8 cm

c 14 cm

d 4.5 cm.

4. Would you use a ruler or a metre strip to measure :-

a the length of a caterpillar ?



b the length of a house ?



5. Draw :-

a a rectangle which is 5 cm long and 4 cm wide.

b a square with sides 3 cm.

c a rectangle which is 8 cm long and  $2\frac{1}{2}$  cm wide.

6. How many centimetres are there in :-

a 5 metres

b 7 metres

c 12 metres

d  $6\frac{1}{2}$  metres ?

7. How many metres are there in :-

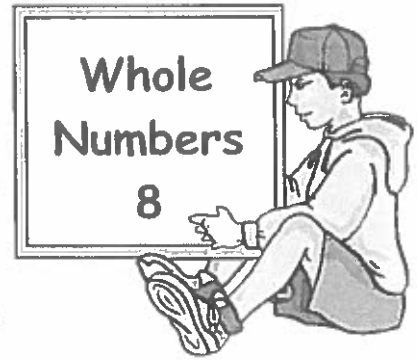
a 200 cm

b 900 cm

c 50 cm

d 850 cm ?

# CHAPTER 18



## Exercise 1

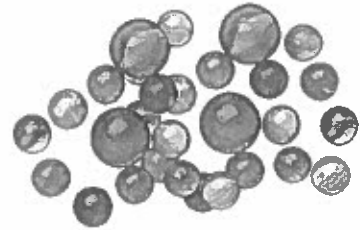
1. Copy the following and work out the answers :-

a  $3 \div 2 = \dots$       b  $9 \div 2 = \dots$       c  $11 \div 2 = \dots$       d  $7 \div 2 = \dots$   
 e  $15 \div 2 = \dots$       f  $17 \div 2 = \dots$       g  $19 \div 2 = \dots$       h  $13 \div 2 = \dots$

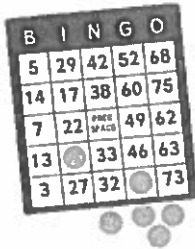
2. Copy and complete :-

a  $25 \div 2 = \dots$       b  $47 \div 2 = \dots$       c  $63 \div 2 = \dots$       d  $81 \div 2 = \dots$   
 e  $2 \overline{)27}$       f  $2 \overline{)65}$       g  $2 \overline{)89}$       h  $2 \overline{)43}$

3. 29 marbles are shared between 2 children.  
 How many do they each get and how many are left ?



4.



Jan has £63.

How many £2 bingo cards can she buy  
 and how much money will she have left ?

## Exercise 2

1. Copy and complete :-

a  $35 \div 2 = \dots$       b  $57 \div 2 = \dots$       c  $73 \div 2 = \dots$       d  $91 \div 2 = \dots$   
 e  $2 \overline{)70}$       f  $2 \overline{)78}$       g  $2 \overline{)52}$       h  $2 \overline{)39}$

2. Batteries are sold in packs of 2.

A shopkeeper has a total of 75 batteries in stock.

What is the largest number of packs he can have and how many extra ?



3.

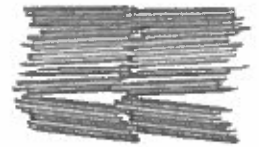


Coco the clown had 91 balloons.

He gave as many children as he could 2 balloons.

How many children got balloons off Coco and  
 how many did he have left ?

4. Ally has 33 pencils which he wants to share with Jake.  
How many will they get each and how many extra will there be ?



5.



At the tea party each person gets two biscuits.  
There are 84 biscuits in a tin.  
How many seniors will 1 tin feed ?

### Exercise 3

1. Copy the following and work out the answers :-

a  $13 \div 3 = \dots$       b  $5 \div 3 = \dots$       c  $23 \div 3 = \dots$       d  $28 \div 3 = \dots$   
e  $19 \div 3 = \dots$       f  $16 \div 3 = \dots$       g  $25 \div 3 = \dots$       h  $22 \div 3 = \dots$

2. Copy and complete :-

a  $3 \overline{)35}$       b  $3 \overline{)64}$       c  $3 \overline{)92}$       d  $3 \overline{)56}$   
e  $3 \overline{)81}$       f  $3 \overline{)86}$       g  $3 \overline{)54}$       h  $3 \overline{)103}$ .

3. 26 boys turned up for golf lessons.

If they were split equally into 3 groups, how many were in each group and how many boys were left without a group ?



4.



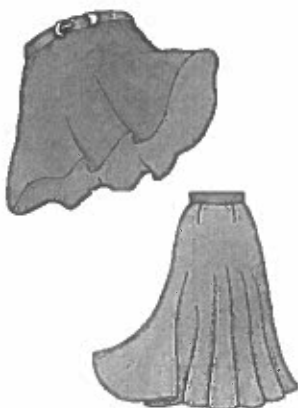
31 pieces of meat were fed equally to 3 tigers.  
How many did they each get and how much was left ?

5. 79 pieces of fruit were divided equally into 3 bowls.

How many will there be in each bowl and how many extra ?



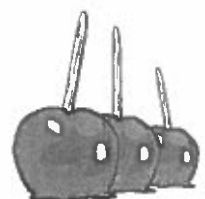
6.



Molly is out to spend her £99 Christmas money.  
After buying 2 skirts (both at the same price)  
she still has £1 to spend.

- a How much was each skirt ?  
b She buys 3 toffee apples with the £1  
and still has 1p left.

How much was each toffee apple ?



## Revision Exercise

1. Work out :-

a  $2 \overline{)28}$

b  $3 \overline{)39}$

c  $2 \overline{)71}$

d  $3 \overline{)47}$

e  $3 \overline{)67}$

f  $2 \overline{)53}$

g  $3 \overline{)77}$

h  $2 \overline{)79}$ .

2. Find :-

a  $57 \div 2$

b  $44 \div 3$

c  $31 \div 2$

d  $65 \div 3$

e  $50 \div 3$

f  $39 \div 2$

g  $85 \div 2$

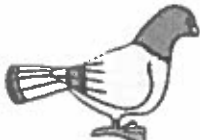
h  $81 \div 3$ .

3. My English homework took me three time longer than my Maths.  
If I spent 27 minutes doing English, how long did my Maths take ?

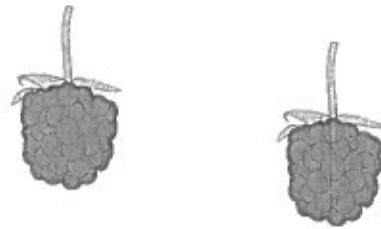


4. A total of 37 fish were shared equally between 2 seals.  
How many fish did each get and how many were left over ?




5.  75 racing pigeons are kept in 3 large cages,  
in equal numbers.  
How many are in each cage ?

6. 50 raspberry bushes were planted  
equally into 3 rows in a garden.  
How many bushes were in each row  
and how many had to go in a 4th row ?

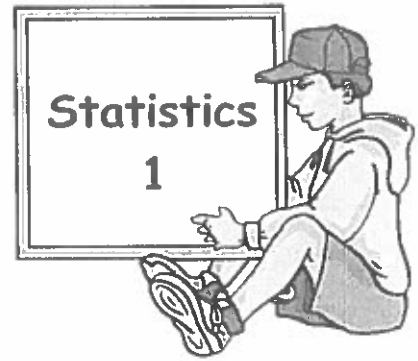


7. In a supermarket, 72 tins of soup  
were laid out equally along 3 shelves.  
How many tins were there on each shelf ?

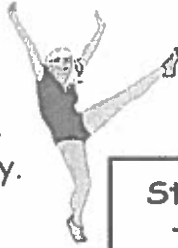


8.  Mr Bain bought 62 textbooks to be shared equally among  
2 classes and the two teachers.  
How many pupils are in each class ?

# CHAPTER 19



## Exercise 1



1. A holiday hotel has posted a list of activities for the day.
  - a What time does the French Bowls start ?
  - b Where does the Aerobics take place ?
  - c Jeremy is in the Pool Bar at quarter to four. What is he playing ?

Starting Times	What's On ?	Where ?
11.00	Aerobics	Swimming Pool
14.30	French Bowls	Grass Area
15.30	Darts	Pool Bar
21.00	Disco	Main Hall

2. This holiday table shows the prices for each adult and each child.
 

How much would it cost for each of the following short holidays :-

  - a Blackpool, 1 adult Fri-Sun ?
  - b York, 1 child Fri-Mon ?
  - c Brighton, 2 adults Fri-Mon ?
  - d Blackpool, 1 adult and 1 child Fri-Sun ?
  - e Mr Abel, his wife and 2 children Fri-Sun in Brighton ?



	Fri - Sun		Fri - Mon	
	Adult	Child	Adult	Child
<i>Blackpool</i>	£70	£30	£90	£40
<i>York</i>	£80	£40	£110	£50
<i>Brighton</i>	£100	£50	£130	£60

3. Theatre ticket prices are shown in the table.

- a How much would it cost for :-
  - (i) one adult circle ticket on Tuesday ?
  - (ii) one child upper circle ticket on Sunday ?
  - (iii) Two child circle tickets on Saturday ?

	Mon - Thu		Sat & Sun	
	Adult	Child	Adult	Child
<i>Stalls</i>	£7	£4	£9	£6
<i>Circle</i>	£6	£3	£7	£5
<i>Upper Circle</i>	£5	£2	£6	£4

- b Mrs Bryce and her daughter went to the theatre. It cost her £15. Name which day they went and where they sat in the theatre.

## Exercise 2

1. This pictograph shows the number of people waiting on a bus one evening.

Key :-  stands for 2 people.






a Write down the number of people waiting at :-

- (i) 5 pm      (ii) 6 pm  
(iii) 8 pm    (iv) 9 pm.



b How many more were at the bus stop at 6 pm compared to 7 pm ?

People waiting at Bus Stop

5 pm	
6 pm	
7 pm	
8 pm	
9 pm	






2. This pictograph shows the number of goals scored by a football team in the first five months of the season.

Key :-  stands for 4 goals.




- a Write down how many goals they scored each month.  
b What was the team's best month ?  
c What was the team's worst month ?  
d How many goals did the team score altogether from August to October ?

Goals Scored

Aug	
Sept	
Oct	
Nov	
Dec	






3. The hair colour of ladies was recorded on Thursday in "The Lilac Room".

Key :-  stands for 5 ladies.

- a Look at the key.  
How many ladies does  stand for ?  
b Write down how many ladies had red hair.  
c How many blonde ladies were there ?  
d How many had their hair done on Thursday ?



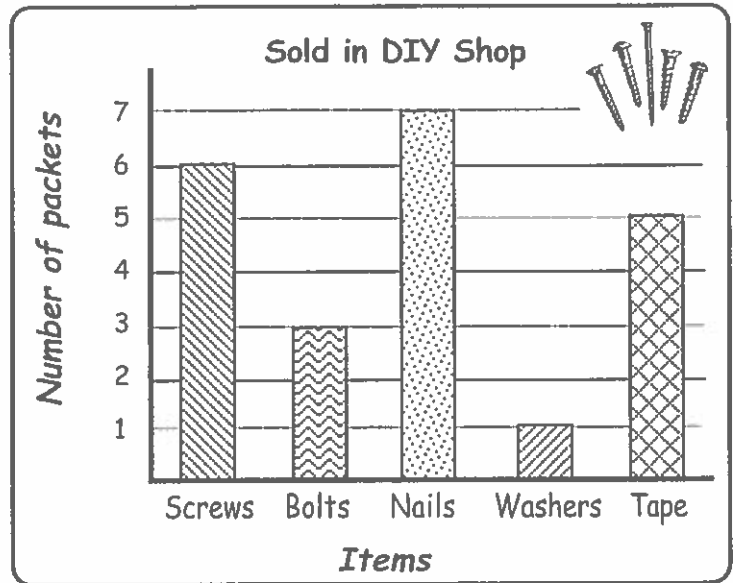
Ladies' Hair Colour

BROWN	
BLACK	
RED	
BLONDE	
GREEN	

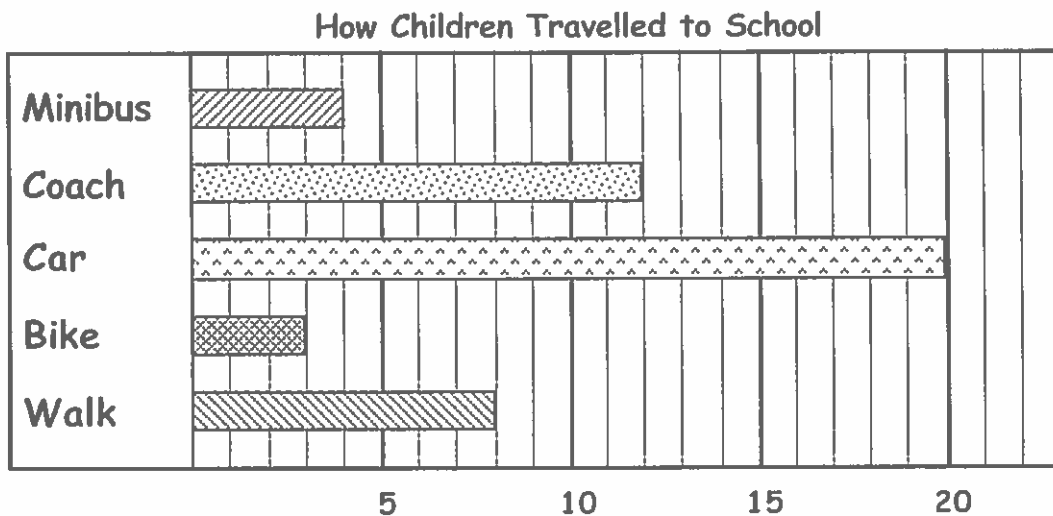
## Exercise 3

1. The bar graph shows the number of items sold in a small DIY shop one morning.

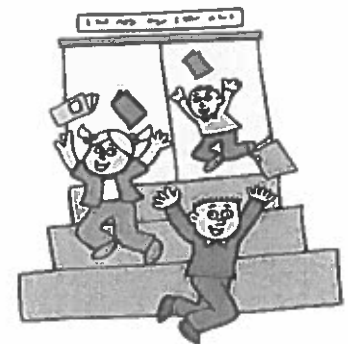
- How many packets of screws were sold?
- Which item sold best?
- How many more packets of tape than washers?
- How many fewer bolts than nails?
- How many packets were sold altogether?



2. A group of children were asked how they travelled to school.  
The bar graph below shows the results.



- What's the most popular transport?
- What's the least popular transport?
- How many children travel by coach?
- How many children bring their bike to school?
- What's the difference between the number of children who come by car and those who walk to school?
- How many children were asked?



## Revision Exercise

1. The prices of 3 types of pie sold in two butcher's shops are shown in the table.

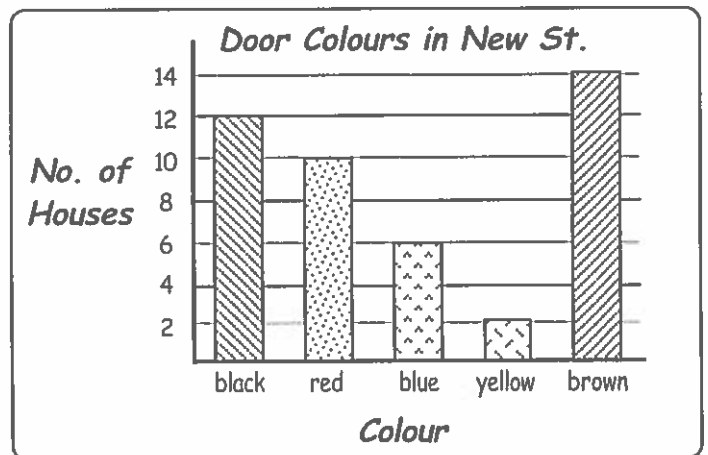


	Mitchell's	Munro's
<i>Steak</i>	£4.50	£3.50
<i>Pork</i>	£3.50	£3.00
<i>Mutton</i>	£2.00	£2.50

- a How much is a steak pie in Munro's ?
- b What does a pork pie in Mitchell's cost ?
- c How much cheaper is a mutton pie in Mitchell's ?
- d Jed bought 2 pork pies in Munro's and a steak pie in Mitchell's. How much did he pay ?

2. The bar graph shows the colour of the doors of houses in a street.

- a What is the scale going up in ?
- b How many red doors ?
- c The most popular colour ?
- d Total of blue and yellow ?
- e How many more black doors than blue doors ?
- f How many houses in New St. ?

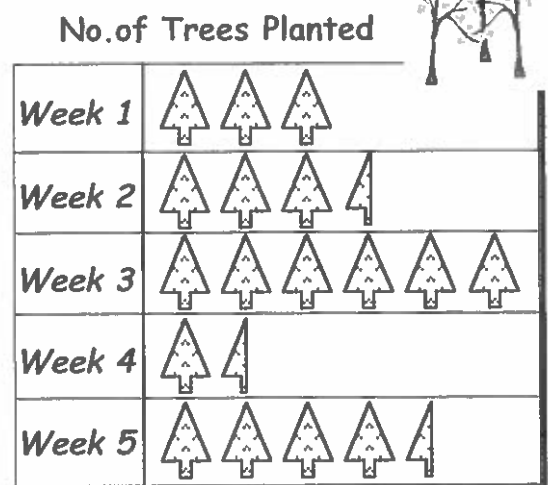


3. Pupils of John Street school planted young trees in the school grounds over a period of 5 weeks.

The pictograph shows how many trees were planted throughout that time.

Key :- stands for 2 trees.

- a How many trees were planted in week 1 ?
- b How many trees were planted in week 4 ?
- c How many more trees were planted in week 3 compared to week 5 ?
- d How many trees were planted in the first two weeks ?
- e How many trees were planted altogether ?

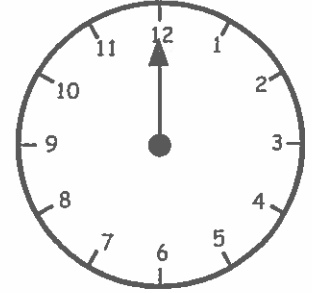


# CHAPTER 20

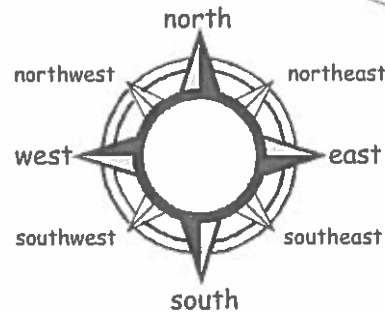
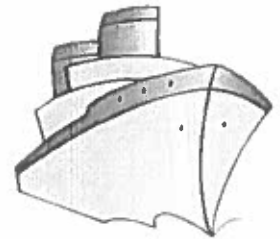
## Exercise 1



1. Look at the clock face.
  - a The arrow is at 12. Make a  $\frac{1}{4}$  turn clockwise. What number is the arrow pointing to now ?
  - b The arrow is set to 6. Make a  $\frac{1}{4}$  turn anticlockwise. What number is the arrow pointing to now ?
  - c Arrow at 3 and given a  $\frac{1}{2}$  turn anticlockwise. What number now ?
  - d Arrow at 10 and given a  $\frac{1}{2}$  turn clockwise. What number now ?
  - e Arrow at 4 and given a  $\frac{1}{4}$  turn clockwise. What number now ?

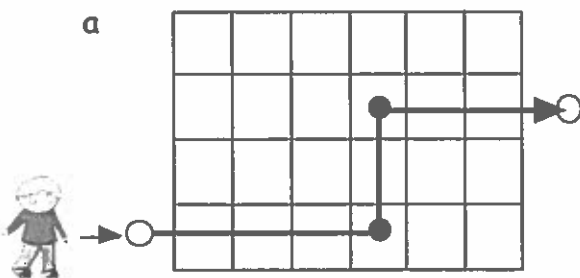


2. a A ship is sailing East. It makes a  $\frac{1}{4}$  turn anticlockwise. In which direction is it heading now ?
- b A ship is sailing South West. It makes a  $\frac{1}{4}$  turn clockwise. Where is it heading now ?
- c A ship is sailing North West. It makes a  $\frac{1}{2}$  turn anticlockwise. Where's is it going now ?

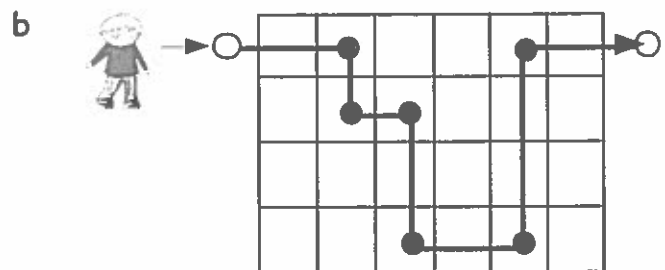


## Exercise 2

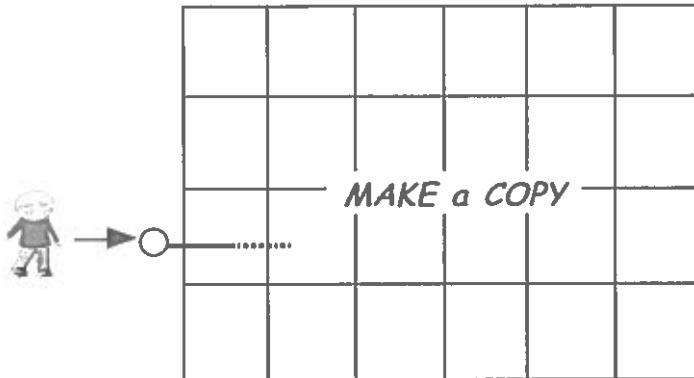
1. Using "Move Forward", "Turn Left" etc., describe these 2 journeys :-



move forwards 4, turn .....



2. Draw a blank grid (6 boxes by 4 boxes) as shown.  
Use a coloured pencil, or shade in the path, using the instructions given :-

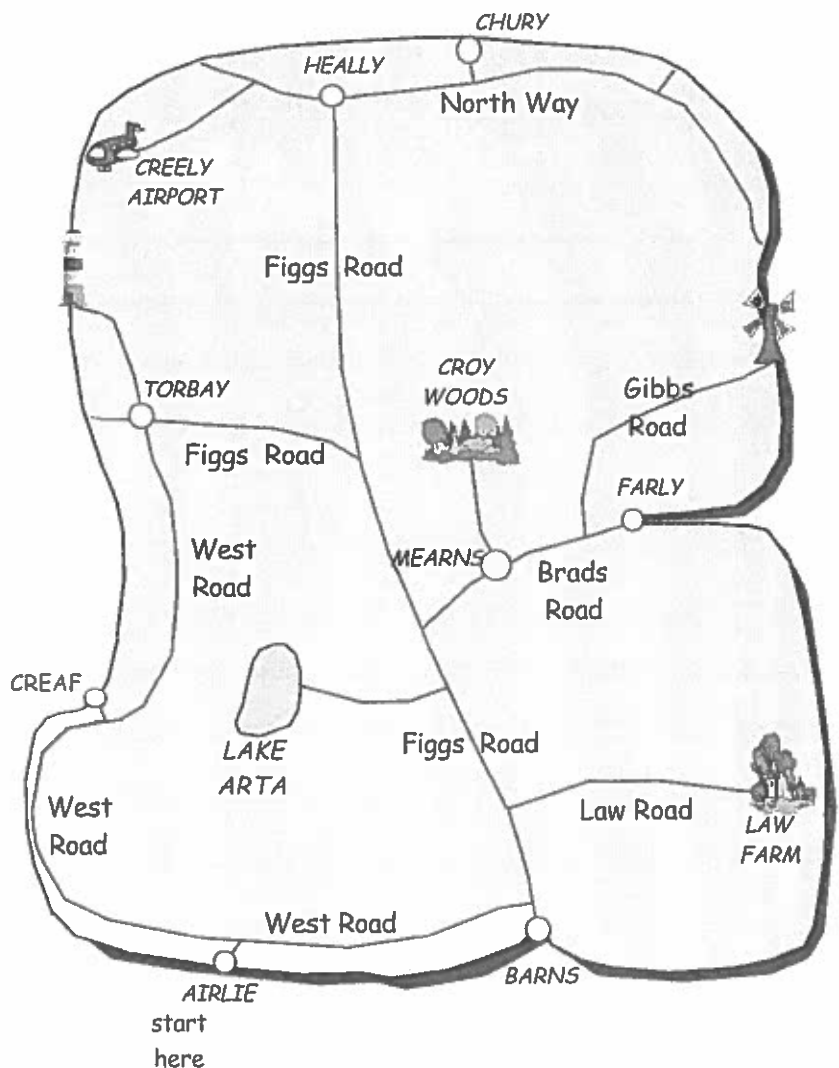


Take 2 steps forward  
Turn left  
Take 1 step forward  
Turn right  
Take 3 steps forward  
Turn right  
Take 1 step forward  
Turn left  
Take 2 steps forward

3. This is the map of Creely Island which is in your textbook.  
In the same way as you did before, write down exact instructions - this time, on how to get from the village of Airlie to the Windmill.

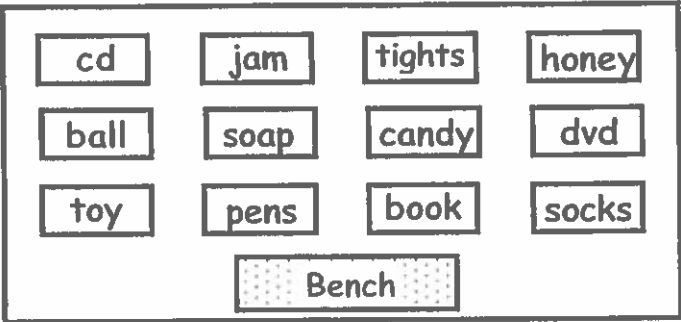
"Come out of Airlie  
and turn ..... into  
..... Road.  
Take the ....."

.....  
.....  
....."



# Revision Exercise

1. At the Primary School Fete, the raffle prizes are laid out on tables behind the bench where you are to collect your prize.



What prize has been placed :-

- a behind the soap
- b in front of the honey
- c to the right of the jam
- d to the left of the book
- e 3 places to the right of the ball ?

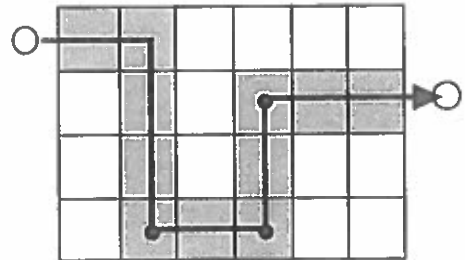


2. Describe Sara's journey through the maze.

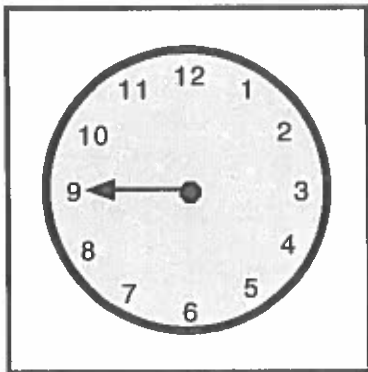
Start with :- " Forward 2 squares, turn .....

.....

.....



3. Look at the clock face.



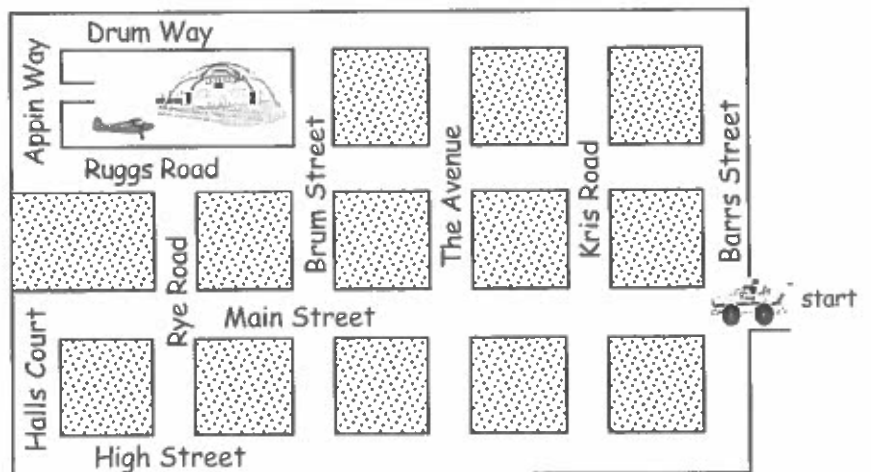
- a Start at 9. Make a  $\frac{1}{4}$  turn clockwise. Where do you finish ?
- b Start at 7. Make a  $\frac{1}{2}$  turn. Where are you now ?
- c Start at 2. Make a  $\frac{1}{4}$  turn anticlockwise. Which number are you at now ?

4. Give directions to the taxi driver to get him to the airport.

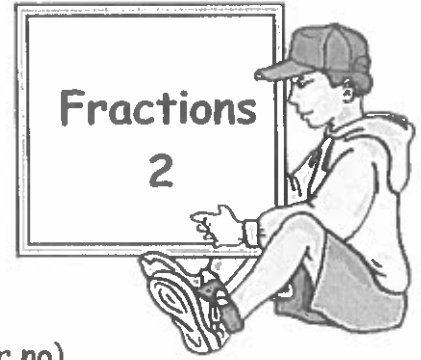
Drive along ..... Street.

Turn .... left into .....

.....

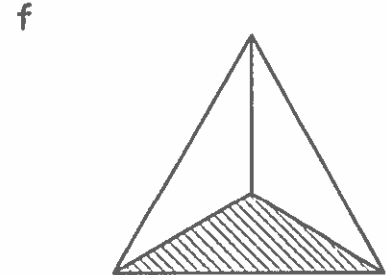
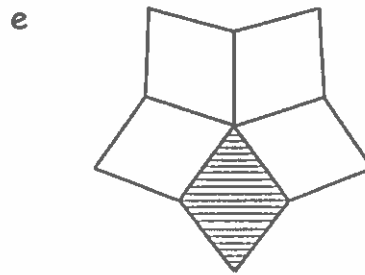
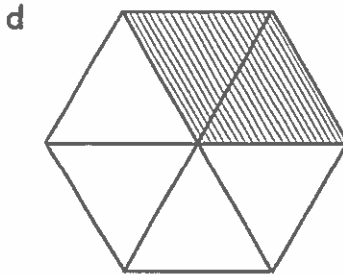
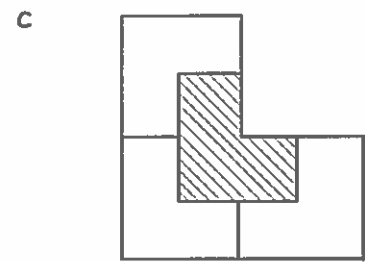
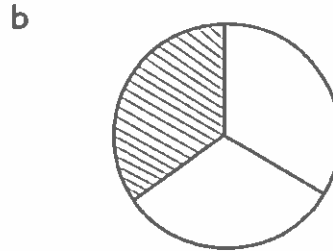
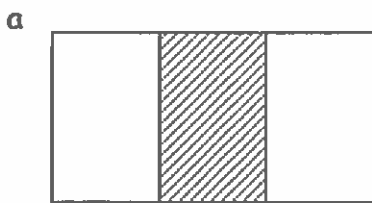


# CHAPTER 21

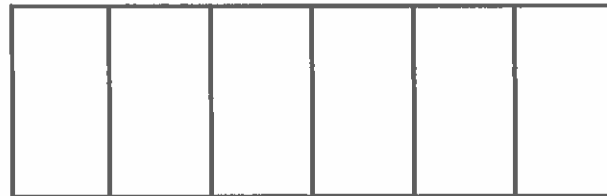


## Exercise 1

1. Which of these shapes have had a third shaded? (yes or no)

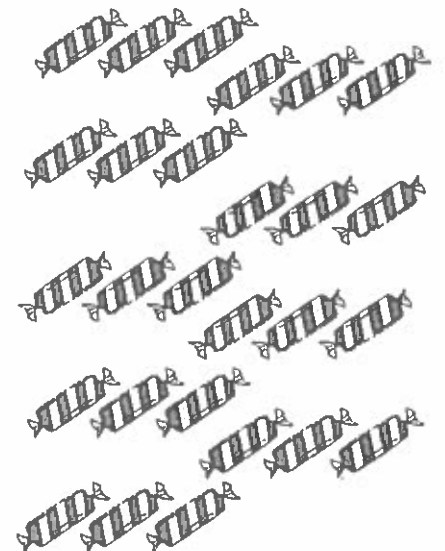


2. Copy or trace this shape and use 3 different colours to show how to split it into thirds.



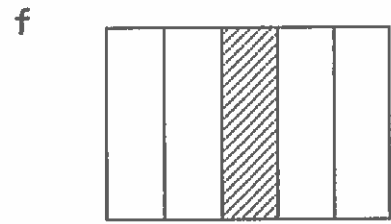
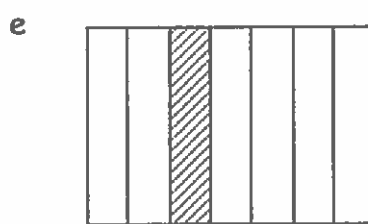
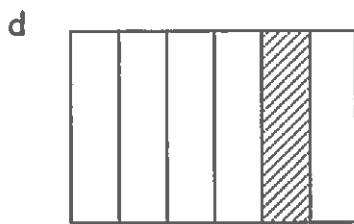
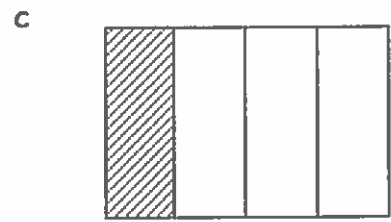
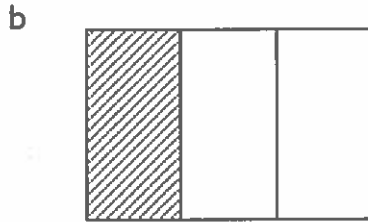
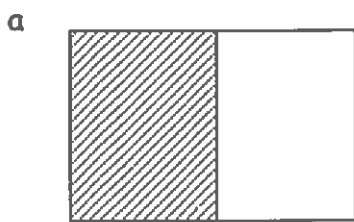
3. Jake, Sue and Mary have been given 27 sweets which they have to share equally.

- What fraction will they each get?
- How many sweets should each of them get?
- How many sweets altogether will the 2 girls have?
- What fraction of the 27 sweets will the 2 girls then have?

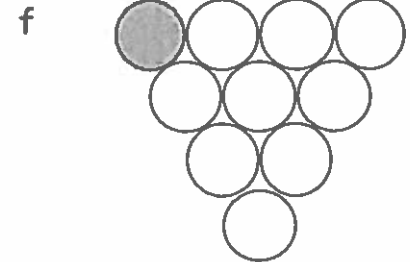
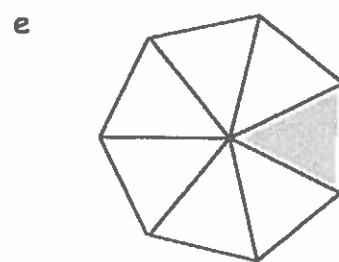
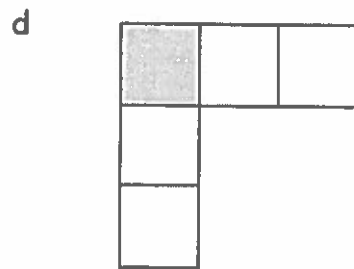
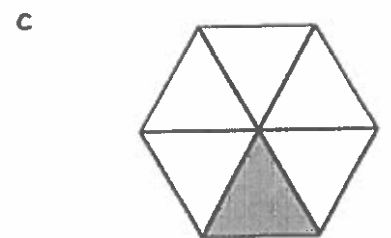
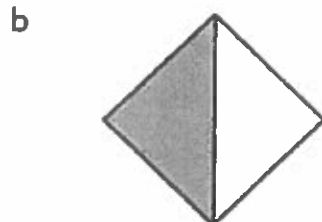
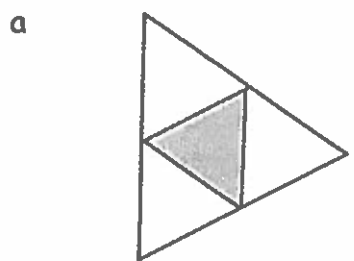


## Exercise 2

1. Each rectangle below has been split into equal parts.  
Write down the fraction that is shaded.

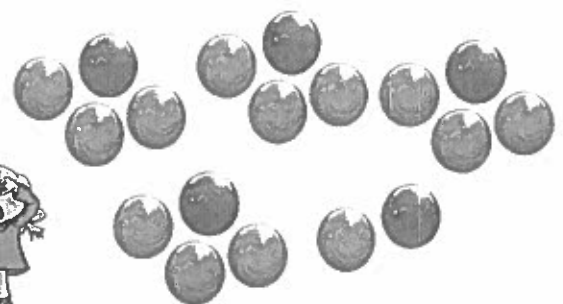


2. The shapes below have been split into equal parts.  
Write down the fraction of each shape that is coloured.



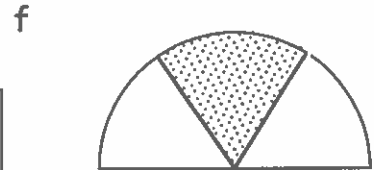
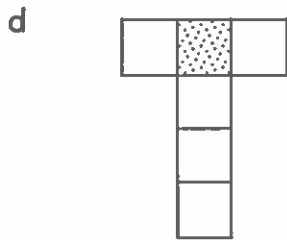
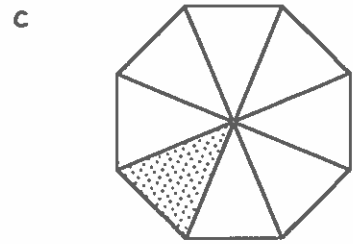
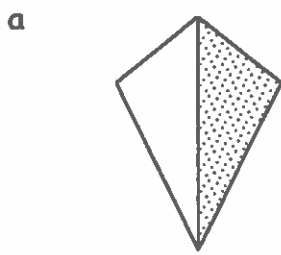
3. Bunty has 18 marbles. She drops them in the street and  $\frac{1}{3}$  of them run down a drain.

- a How many marbles has Bunty lost ?
- b How many does she still have ?
- c What fraction does she still have ?



# Revision Exercise

1. Write down the fraction of each that is coloured.



2. a What fraction of these candles are not lit?  
 b What fraction are lit?

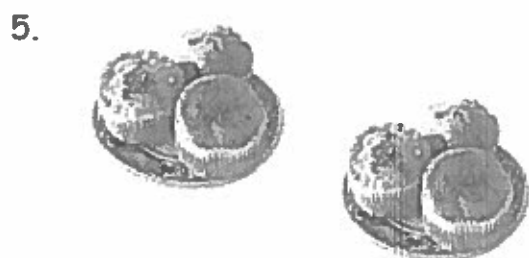


Ken has 15 bananas. He shares them with his 2 friends so that they each get the same number.

a What fraction of the bananas will Ken get?  
 b How many bananas do they get each?

4. Laura had 12 teddy bears.  
 She sold them  $\frac{1}{3}$  of them at a car boot sale.

a How many bears did Nellie sell?  
 b How many does she still have?  
 c What fraction does she still have?



James makes 6 scones.  
 He gives  $\frac{1}{3}$  of them to his sister Beth.  
 Beth eats  $\frac{1}{2}$  of her scones straight away.  
 How many scones did Beth eat?

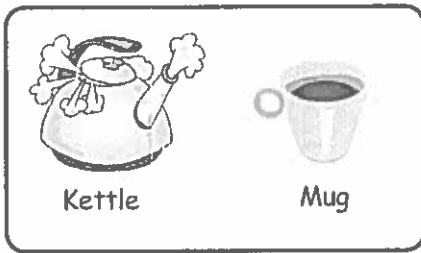
# CHAPTER 22



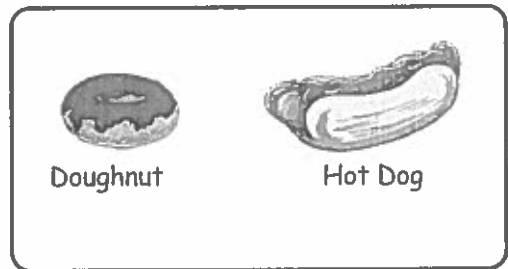
## Exercise 1

1. Which one is lighter ?

a

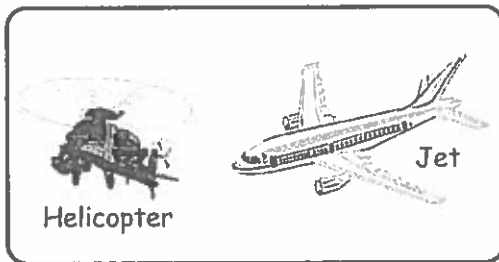


b

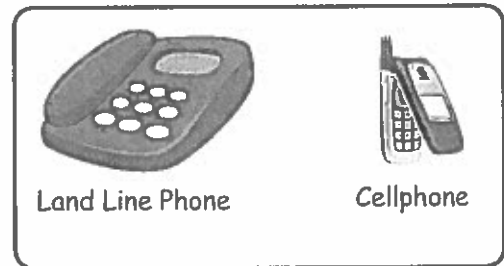


2. Which one is heavier ?

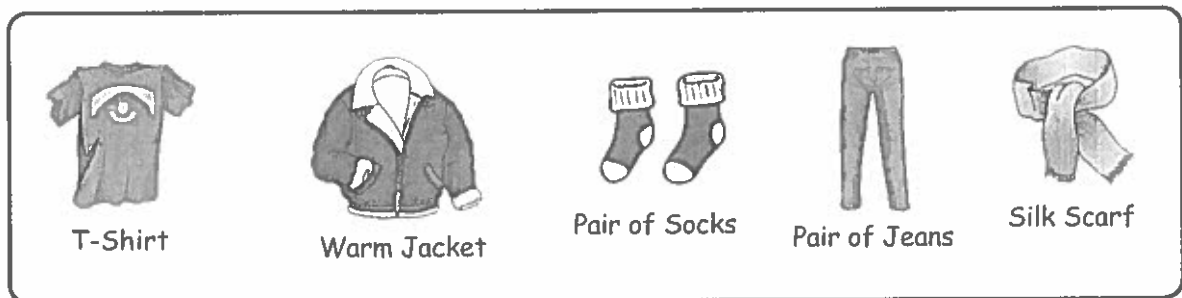
a



b

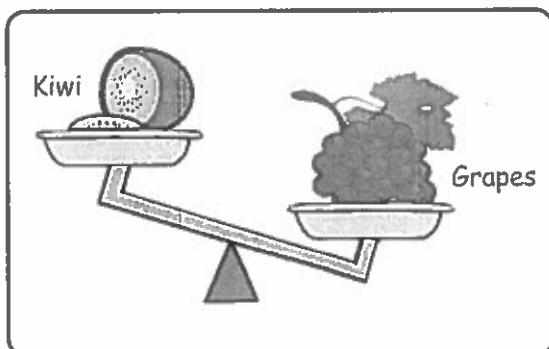


3. Put these in order of weight. Start with the heaviest.

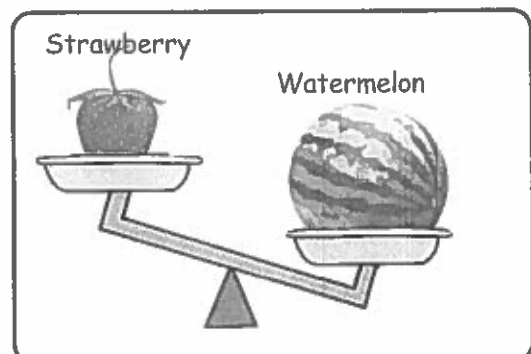


4. Which of these is lighter ?

a



b



## Exercise 2

1. Put each list in order, starting with the heaviest :-

a 2 kg, 7 kg, 5 kg.

b 8 kg, 10 kg, 13 kg, 9 kg.

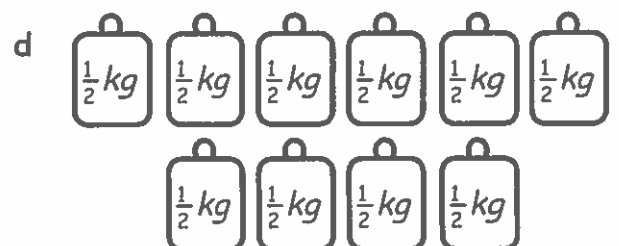
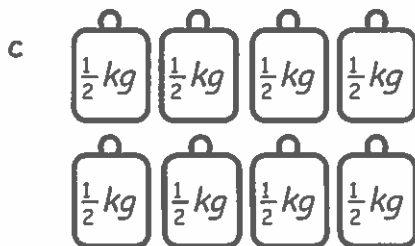
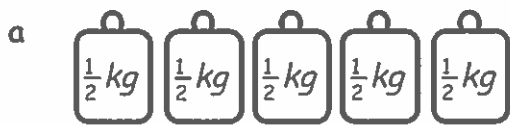
c 24 kg, 32 kg, 28 kg, 31 kg.

d 140 kg, 203 kg, 810 kg, 138 kg.

2. a How many  $\frac{1}{2}$  kilogram weights make up 1 kilograms ?

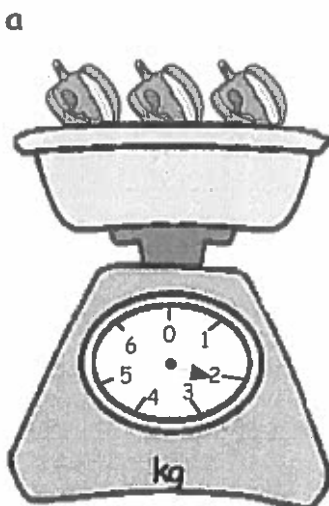
b How many  $\frac{1}{2}$  kilogram weights make up 2 kilograms ?

3. Write down the total weight, in kilograms, of each of these :-

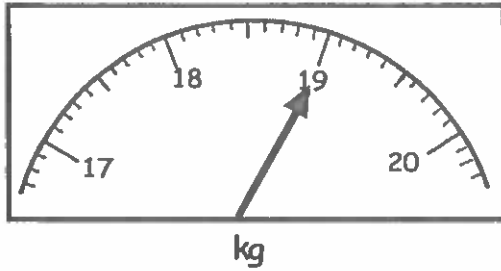


## Exercise 3

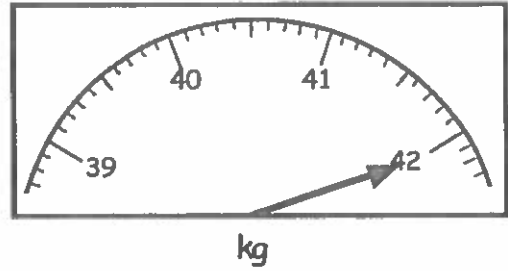
1. Write down the weight on each of these scales :-



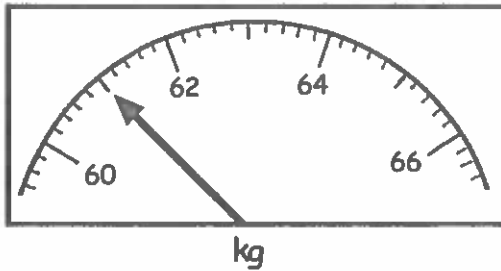
1. d



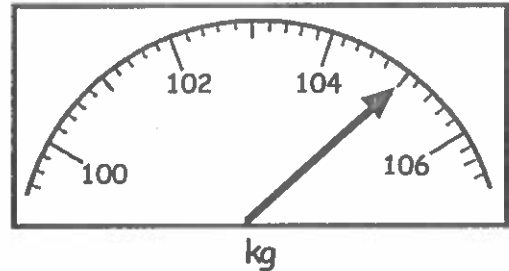
e



f



g



### Revision Exercise






1. a Which is heavier - a paper clip or a pencil ?



b Which is lighter - a couch or a chair ?



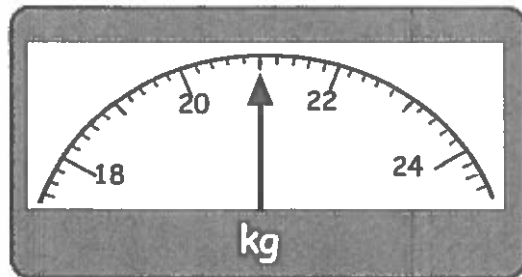
2. Put these in order of weight. Start with the lightest.

				
Minibus	Lorry	Bike	Car	Motorcycle

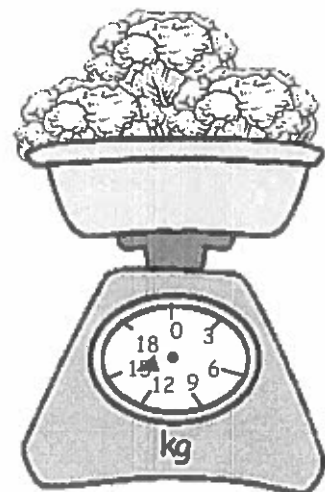
3. Look around you and write down one thing that is heavier than 1 kilogram.

4. Write down the weight on each of these scales :-

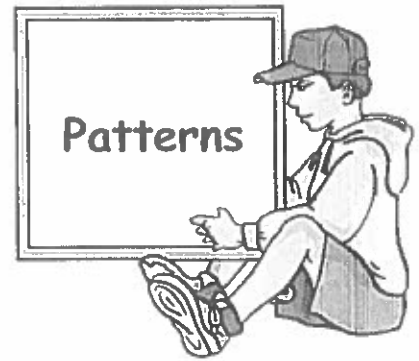
a



b



# CHAPTER 23



## Exercise 1

Draw the next 2 shapes in these patterns :-

1. .....
2. .....
3. .....
4. .....
5. .....
6. .....

## Exercise 2

1. Write the next 2 letters in each of the patterns :-
 

a g h i j ....	b S R Q P ....
c D F H J ....	d k n q t ....
e ac df gi jl ....	f za yb xc wd ....

2. Copy each list. Put in the missing letters :-

a F G ... I J ...

b N M ... K J ... ..

c ad eh il mp ... ..

d a d ... j m ...

### Exercise 3

1. Write the next 2 numbers in each of the patterns :-

a 7 8 9 10 ... ..

b 25 24 23 22 21 ... ..

c 3 6 9 12 ... ..

d 40 35 30 25 ... ..

e 88 77 66 55 ... ..

f 32 29 26 23 ... ..

2. Copy each list. Put in the missing numbers :-

a 2 6 ... 14 18 ... 26

b ... 90 80 ... .. 50 40

c 3 8 13 ... 23 ... ..

d ... 17 24 31 ... 45 ...

e 33 ... 27 ... .. 18

f 12 23 34 ... .. 78 ...

### Revision Exercise

1. What should the next 3 colours be in this sequence ?

Red, Red, Blue, Green, Yellow, Red, Red, Blue, ....., ....., .....

2. Draw the next 2 shapes in these patterns :-



3. Write the next 2 numbers or letters in each pattern :-

a 7 9 11 13 ... ..

b A E I M ... ..

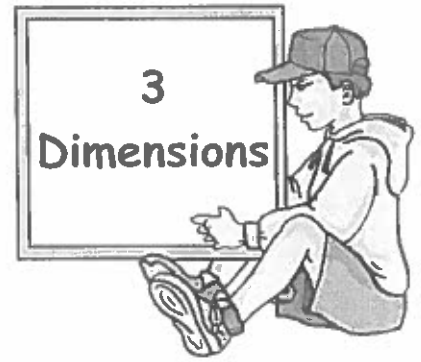
c 50 42 34 26 ... ..

d 98 87 76 65 ... ..

e ghi jkl mno pqr ... ..

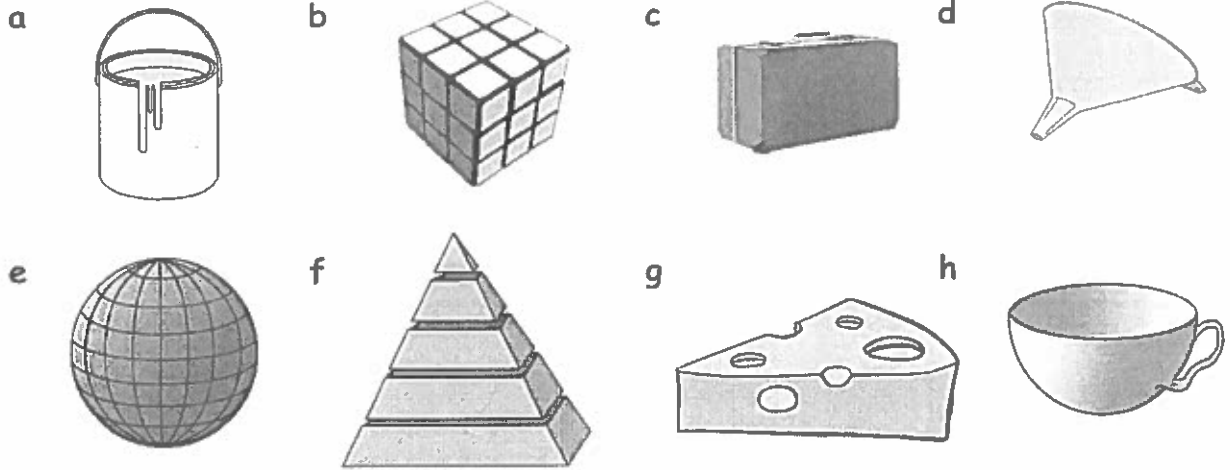
f 880 770 660 550 440 ... ..

# CHAPTER 24

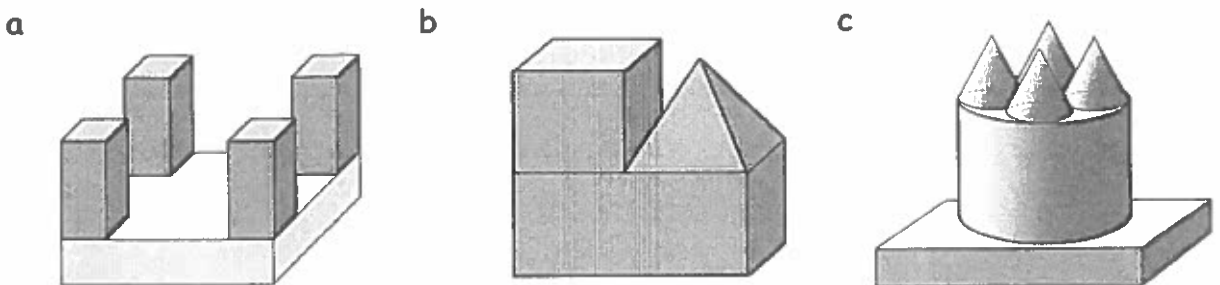


## Exercise 1

1. The 3D items shown below are used in the real world. Write the mathematical name of each shape.



2. List the 3D shapes in each of the figures below. Say how many of each there are.



## Exercise 2

1. What 3D shape is made up of :-

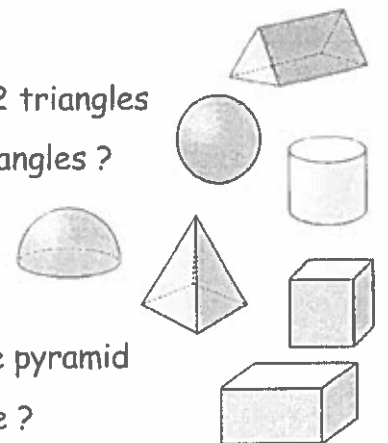
- a 6 rectangles
- c 1 curved face

- b 3 rectangles and 2 triangles
- d 1 square and 4 triangles ?

2. How many :-

- a faces has a cuboid
- c corners has a cylinder
- e edges has a triangular prism

- b edges has a cube
- d faces has a square pyramid
- f corners has a cone ?



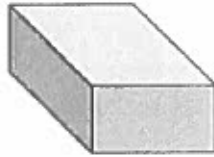
## Revision Exercise

1. What are these 3D shapes called ?

a



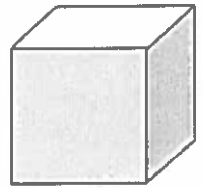
b



c



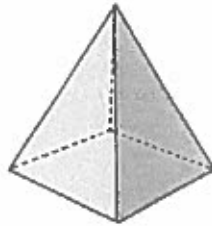
d



e



f

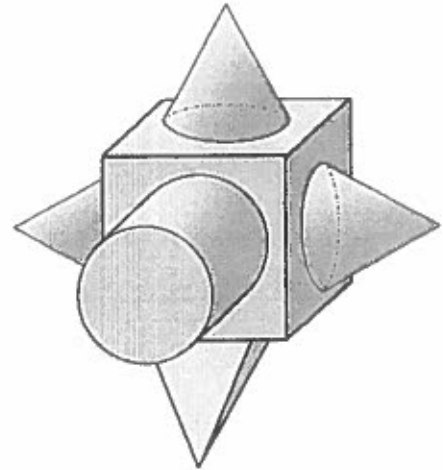


g



2. a What 3D shapes can you see in this picture ?

b How many of each can be seen ?



3. List the faces needed to make a triangular prism.

4. What 3D shape is made up of :-

a 6 squares

b 2 circles and 1 curved face

c 1 curved face and 1 circle

d 2 squares and 4 rectangles ?

5. How many :-

a faces has a cone

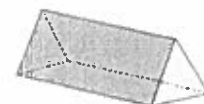
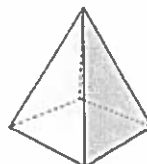
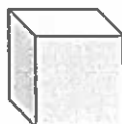
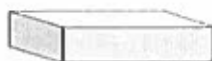
b edges has a triangular prism

c corners has a square pyramid

d faces has a cylinder

e edges has a cube

f corners has a cuboid ?



# CHAPTER 25



## Exercise 1

1. Grandma Sim made a note of the number of cups of tea she had over 5 days.  
Here are her results :-

Mon	Tues	Wed	Thurs	Fri
4	7	3	1	6



Make up a table like the one shown and draw a PICTOGRAPH to show the results.

Key:-  
 stands for 1 tea



Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

2. The number of people waiting on a tram at a certain time in the morning was noted.  
Here are the results :-

5 am	6 am	7 am	8 am	9 am
6	7	12	9	1



Make up a table like the one shown and draw a PICTOGRAPH to show the results.

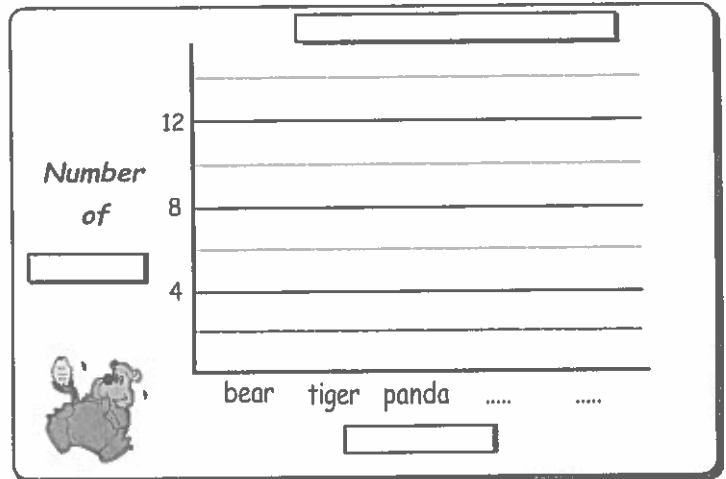
Key:-  
 stands for 2 people  
 = 1 person

5 am	
6 am	
7 am	
8 am	
9 am	

3. The table shows the number of animals staying in Portnova Zoo at the moment.

Copy the bar graph and use the information in the table to complete it.

Bear	6
Tiger	10
Panda	2
Camel	8
Giraffe	14



## Exercise 2



- Some children were asked where they liked to go on holiday.
  - Copy the table and complete the total column.
  - How many children were asked?

Country	Tally	Total
Greece		...
England		...
Spain		...
USA		...
Scotland		...

- What numbers do these tally marks show?

a

b

- Use tally marks in groups of 5 to show these numbers :-

a 8

b 12

c 25

d 34.

- Using tally marks in groups of five, make a tally table to show the responses to "what's your favourite name for a baby girl?"

Jane	Ina	Alison	Pamela	Jane
Alison	Jane	Ina	Alison	Alison
Ina	Alison	Ina	Ina	Pamela
Pamela	Ina	Jane	Pamela	Alison
Jane	Pamela	Susan	Ina	Jane
Ina	Alison	Jane	Jane	Pamela

Name	Tally	Total
Jane		
Alison		



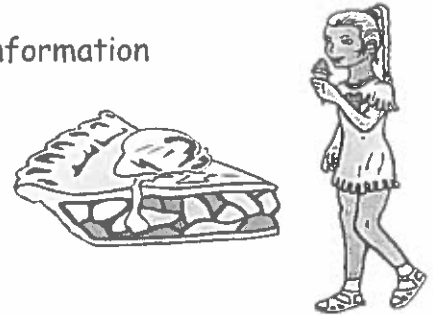
## Revision Exercise

1. **||||** represents the number 5. Use tally marks to show :-  
 a 7                                  b 13                                  c 24                                  d 31.

2. Use the given key to draw a pictograph showing the information which is in the table.

Primary 3 girls' favourite dessert.

Ice Cream	Choc Cake	Toffee Pudding	Rhubarb Crumble	Apple Pie
6	10	4	5	1



Key: stands for 2 girls.

3. A group of boys were asked :-  
 "What's the first thing you think of when the word PIZZA is mentioned?"  
 Their answers are in the table.

pepperoni	cheese	pepperoni	chicken
chicken	cheese	cheese	cheese
mushroom	chicken	cheese	cheese
cheese	tomato	pepperoni	chicken
tomato	tomato	chicken	cheese
cheese	cheese	tomato	tomato

- a Copy and complete the tally table to show these results.  
 b How many people gave the answer "cheese" ?  
 c How many people were asked ?  
 d How many people in total said cheese or tomato ?  
 e Copy the bar chart and complete it.

On a Pizza	Tally	Total
pepperoni		
chicken		
cheese		
tomato		
mushroom		

