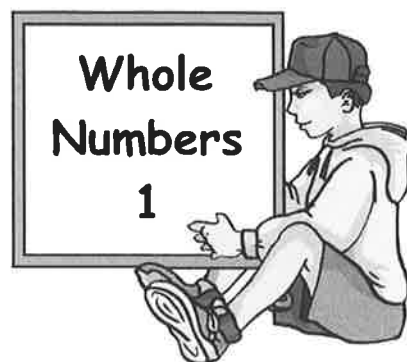


# CHAPTER 1



## Exercise 1

1. What do the following **digits** stand for in the number 23 986 :-

- a 8                      b 3                      c 9                      d 2 ?

2. What does the **7** stand for in each of these numbers :-

- a 6705                      b 3971                      c 7596                      d 1837 ?

3. Write out the following numbers **fully in words** :-

- a 3960                      b 35053                      c 70406                      d 90003.

4. Write the following numbers **using digits** :-

- a sixty thousand and nine  
b forty thousand four hundred and twenty seven  
c two hundred thousand and two.



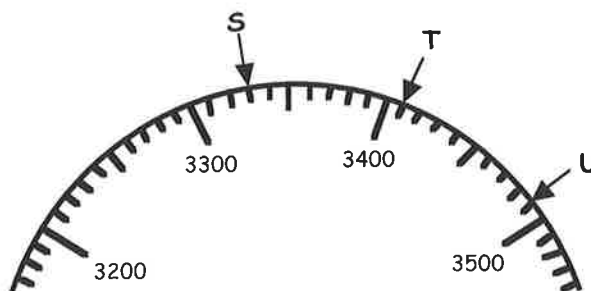
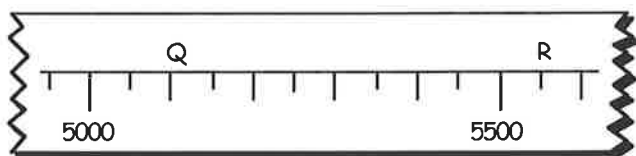
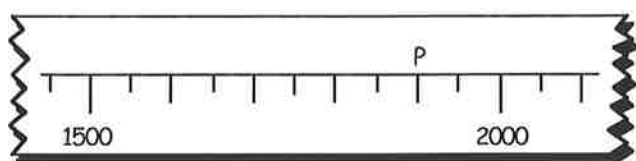
5. Put the following set of numbers in order, **smallest first** :-

5186, 5281, 5090, 5195, 5210, 5341, 5290, 5199.

6. Write down the number that is :-

- a 10 **after** 490                      b 300 **before** 6570                      c 3000 **before** 7200  
d 2500 **after** 6500                      e 4000 **before** 9180                      f 5800 **before** 9200.

7. Look at the following scales. What numbers are represented by P, Q, R, ... ?



8. What number lies **halfway** between :-

- a 650 and 660                      b 8100 and 8500                      c 7800 and 8200 ?

## Exercise 2

1. Write down the answers to :-

- a  $39 + 46$       b  $75 + 65$       c  $89 + 74$       d  $370 + 290$   
 e  $630 + 880$       f  $7500 + 5700$       g  $8920 + 1080$       h  $2967 + 6859$ .

2. Write down the answers to :-

- a  $73 - 42$       b  $92 - 27$       c  $100 - 56$       d  $340 - 69$   
 e  $420 - 190$       f  $810 - 380$       g  $5500 - 4700$       h  $10\ 000 - 3600$ .

3. Find :-

- a  $6560 + 1800$       b  $7830 - 4950$       c  $2638 + 6775$       d  $8760 - 7980$ .

4. Charles got an annual bonus of £859, but Carole's bonus was £1420.

- a How much did their bonuses come to **altogether** ?  
 b How much **less** did Charles get than Carole ?



5.



Florence has a cheque for £2500.  
 She intends to pay £1720 into her bank and use what's left to buy an HD Ready TV.  
 How much is the TV to cost ?

## Exercise 3

1. Copy the following and find the answers :-

- |                                                           |                                                           |                                                          |                                                              |
|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|
| a $\begin{array}{r} 396 \\ + 174 \\ \hline \end{array}$   | b $\begin{array}{r} 798 \\ + 416 \\ \hline \end{array}$   | c $\begin{array}{r} 727 \\ - 486 \\ \hline \end{array}$  | d $\begin{array}{r} 812 \\ - 395 \\ \hline \end{array}$      |
| e $\begin{array}{r} 4009 \\ + 5098 \\ \hline \end{array}$ | f $\begin{array}{r} 8376 \\ - 5986 \\ \hline \end{array}$ | g $\begin{array}{r} 6213 \\ - 798 \\ \hline \end{array}$ | h $\begin{array}{r} 10\ 000 \\ - 6107 \\ \hline \end{array}$ |
| i $3456 + 7777$                                           | j $9000 - 285$                                            | k $4902 + 2298$                                          | l $10\ 000 - 8471$ .                                         |

2. a Every Tuesday Ryanjet fly from Glasgow to Portugal, a distance of 2097 km and from there a further 6068 km to Dubai.

How far does the plane fly in **total** on a Tuesday ?



b



Sadiq the doorman earned £3470 in tips last year.  
 This year his tips **dropped** by £590.

How much did he earn in tips this year ?

## Exercise 4

1. Round to the nearest 10 :-

- a 72                      b 58                      c 6                      d 482  
e 307                      f 705                      g 4834                      h 14 299.

2. Round to the nearest 100 :-

- a 473                      b 849                      c 3091                      d 7949  
e 7951                      f 38 270                      g 42 726                      h 81 999.

3.



A motorbike is on sale at the local dealer's for £2364.

Round this amount to the nearest :-

- a £10                      b £100.

4. The attendance figures at two Serie A Italian football matches last Sunday were 38 482 and 29 215.

Round both figures to the nearest :-                      a 10                      b 100.



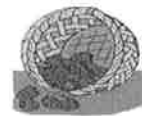
## Exercise 5

1. Round each number to 1 figure accuracy, then, mentally, give an *estimate* to :-

- a  $19 + 51$                       b  $73 - 48$                       c  $81 - 18$                       d  $385 + 549$   
e  $608 - 275$                       f  $780 - 567$                       g  $2722 + 218$                       h  $5533 - 847$ .

2. a Josie has 291 apples in his basket, Jenny has only 96.

Approximately, how many do they have in total ?



b Bobby paid £223 for a car service. Brian paid £377.

Approximately, what was the total for the two services ?



3. Give an approximate answer to each of the following :-

- a  $77 - 26$                       b  $518 - 98$                       c  $915 - 452$                       d  $784 - 249$ .

4. Round each number to 1 figure accuracy, then give an *estimate* to :-

- a  $57 + 31 + 28$                       b  $686 + 337 - 678$                       c  $996 - 549 - 97$                       d  $814 + 307 - 739$ .

5. a Of the 999 peppers delivered to a supermarket, 428 of them were green.

Approximately how many were not green ?



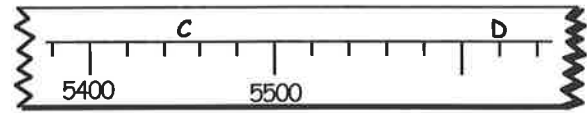
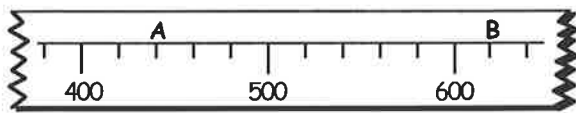
b What is  $188 + 388 + 588 + 788$  approximately equal to ?

## Revision Exercise

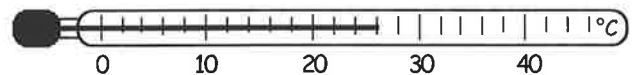


1. Write out the number 76 408 fully in words.
2. Write these numbers using digits :-
  - a twenty three thousand four hundred and two
  - b seventy nine thousand and seventeen.
3. Rearrange the numbers given below in order, starting with the **smallest**.  
57029    69080    69101    58792    70089    68090.

4. a What numbers are represented by A, B, C and D on the given scales ?



- b What is the reading on this thermometer ?



5. What number lies **halfway** between :-
  - a 3100 and 3500
  - b 37000 and 45000 ?
6. Work out these :-
  - a  $147 + 329$
  - b  $2500 + 3900$
  - c  $1700 - 970$
  - d  $3000 - 72$ .
7. Set down the following and show your working :-
 

a $\begin{array}{r} 5271 \\ + 2984 \\ \hline \end{array}$	b $\begin{array}{r} 6914 \\ - 1744 \\ \hline \end{array}$	c $3987 + 886$	d $60000 - 9872$ .
-----------------------------------------------------------	-----------------------------------------------------------	----------------	--------------------

8. Try this question **mentally** :-

A train leaves Glasgow with 110 passengers.

At Cardonald, 30 people get off and 5 people get on.

At Paisley, 25 people get off and 39 people get on.

How many passengers are on the train as it leaves Paisley ?



9. Round to the nearest 10 :-    a 56                      b 483                      c 4997.
10. Round to the nearest 100 :-    a 629                      b 7851                      c 38 361.
11. Round to 1 figure accuracy and find an **approximate** answer for the following :-
  - a  $73 + 37$
  - b  $812 - 394$
  - c  $5967 + 2188$
  - d  $9304 - 1418$ .