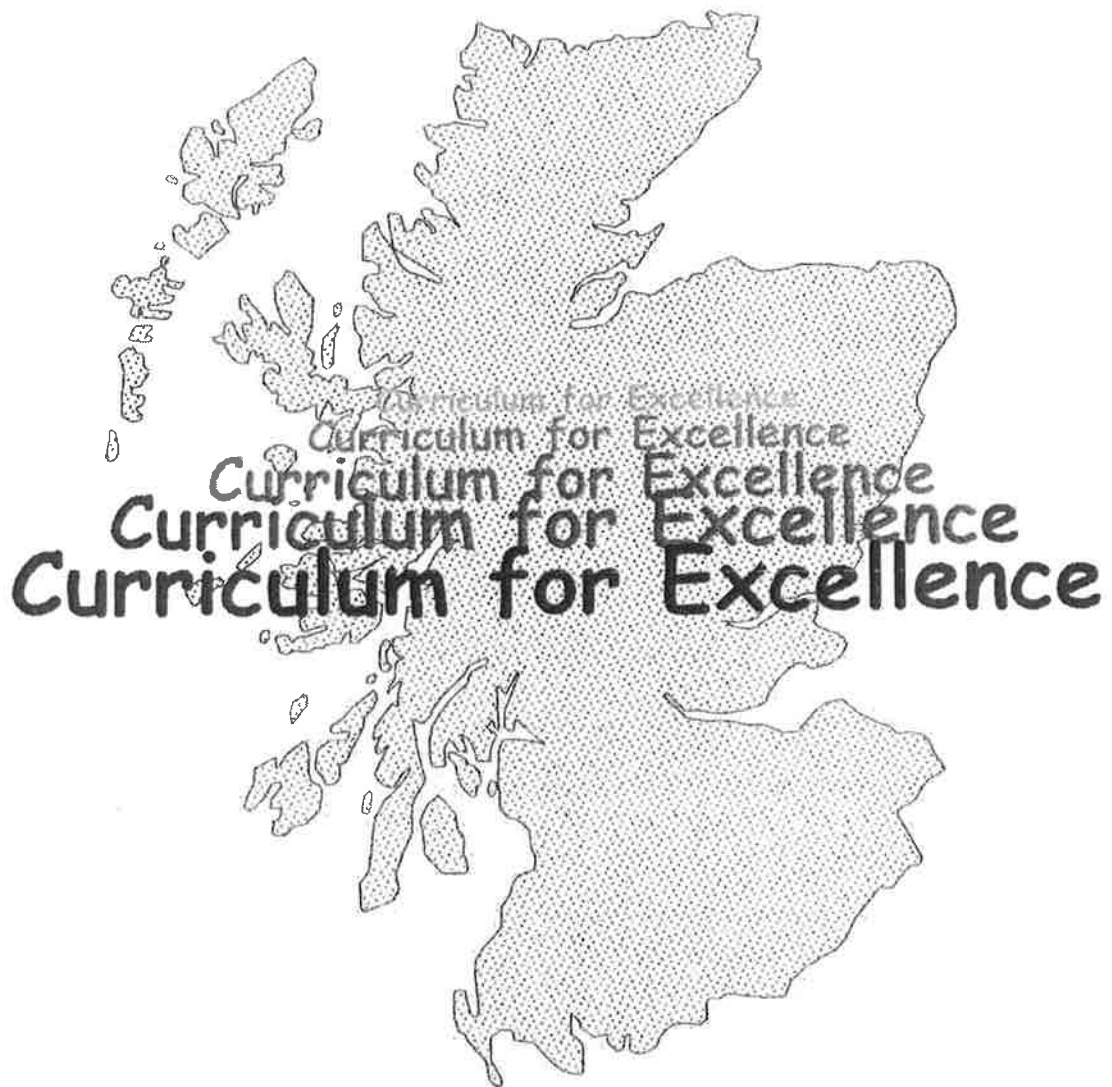




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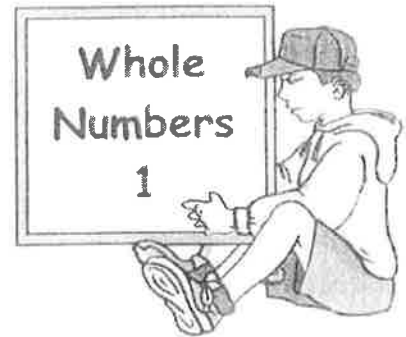
# Book 2a



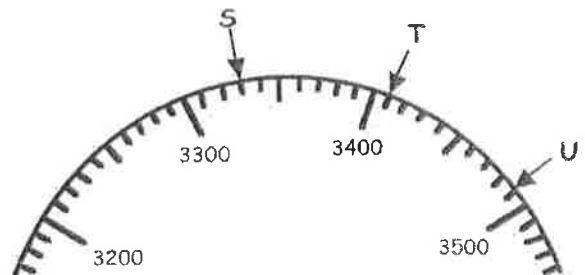
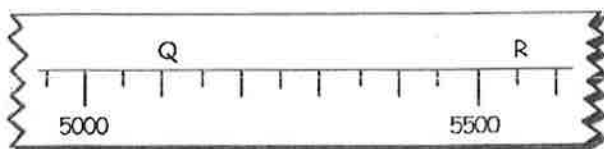
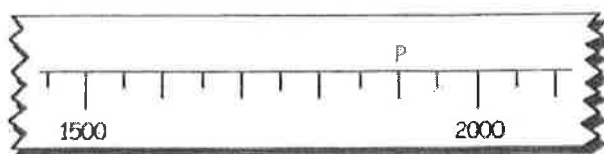
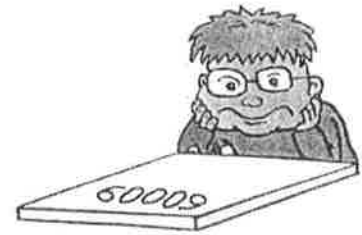
# Homework

# CHAPTER 1

## Exercise 1



- What do the following **digits** stand for in the number 23 986 :-  
 a 8                      b 3                      c 9                      d 2 ?
- What does the **7** stand for in each of these numbers :-  
 a 6705                      b 3971                      c 7596                      d 1837 ?
- Write out the following numbers fully in **words** :-  
 a 3960                      b 35053                      c 70406                      d 90003.
- 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.
- Put the following set of numbers in order, **smallest first** :-  
 5186, 5281, 5090, 5195, 5210, 5341, 5290, 5199.
- 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.
- Look at the following scales. What numbers are represented by **P, Q, R, ... ?**



- 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 ?



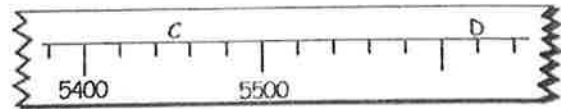
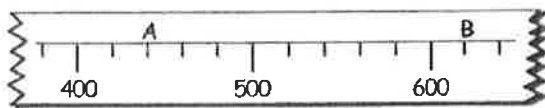
b What is  $188 + 388 + 588 + 788$  approximately equal to ?

## Revision Exercise

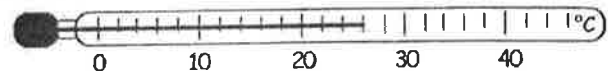


- Write out the number 76 408 fully in words.
- Write these numbers using digits :-
  - twenty three thousand four hundred and two
  - seventy nine thousand and seventeen.
- Rearrange the numbers given below in order, starting with the **smallest**.  
57029   69080   69101   58792   70089   68090.

- What numbers are represented by **A**, **B**, **C** and **D** on the given scales ?



- What is the reading on this thermometer ?



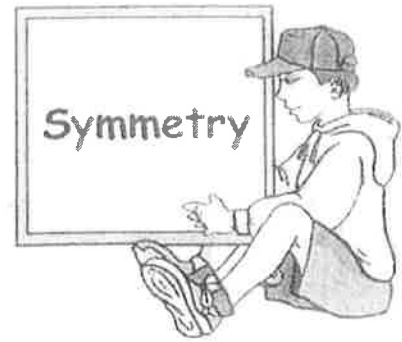
- What number lies **halfway** between :-
  - 3100 and 3500
  - 37000 and 45000 ?
- Work out these :-
  - $147 + 329$
  - $2500 + 3900$
  - $1700 - 970$
  - $3000 - 72$ .
- Set down the following and show your working :-
  - $$\begin{array}{r} 5271 \\ + 2984 \\ \hline \end{array}$$
  - $$\begin{array}{r} 6914 \\ - 1744 \\ \hline \end{array}$$
  - $3987 + 886$
  - $60000 - 9872$ .

- 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 ?



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

# CHAPTER 2



## Exercise 1

1. (i) Make a neat tracing of each of the following shapes and show all their lines of symmetry using dotted lines.
- (ii) Write down beside each shape how many lines of symmetry it has.

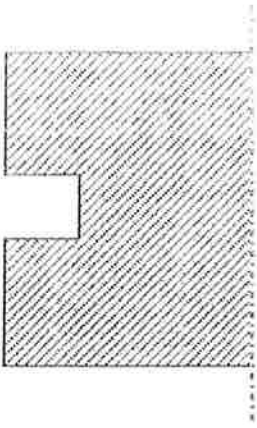
a		b		c		d	
e		f		g		h	
i		j		k		l	

2. Draw and colour **any** shape neatly with :-
  - a 5 lines of symmetry
  - b 12 lines of symmetry.

## Exercise 2

1. Trace or copy each of the following shapes, then complete each shape so that the dotted line is a line of symmetry.

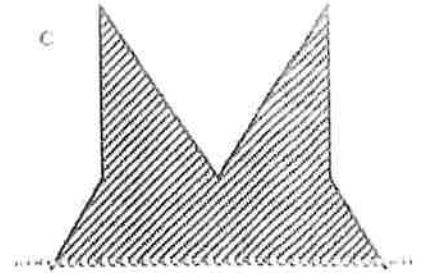
a



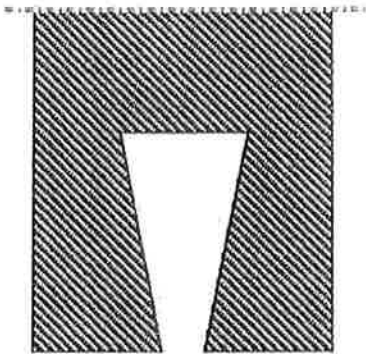
b



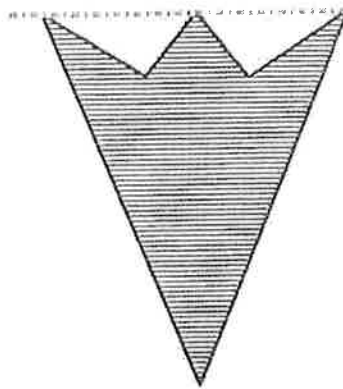
c



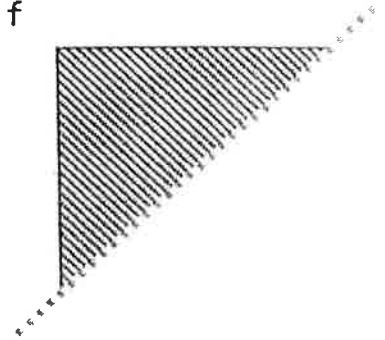
d



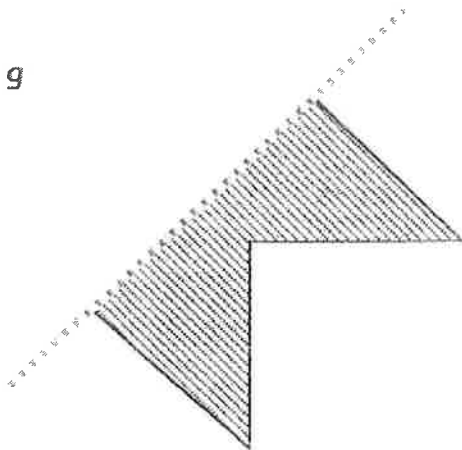
e



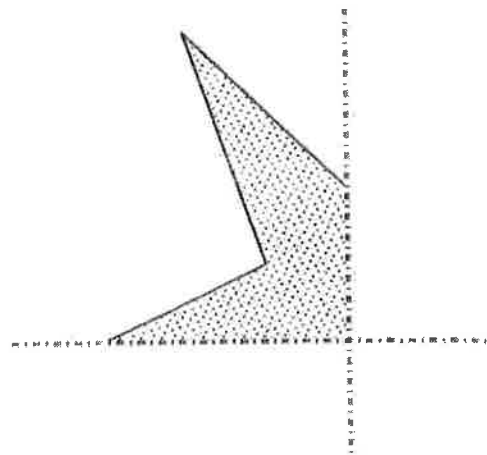
f



g



h



note :- 2 lines of symmetry

