

Wizeup School

*Maths Department*

Revision Pack

“Learning to Achieve”

Name of Pupil:.....

Date issued:.....

1. There were 34 coins in a bag.  
Jim took 15 coins out of the bag.  
Rose put 17 coins into the bag.

How many coins are now in the bag?

.....  
(Total 2 marks)

2. 33 people were on a bus.  
19 people got off.  
15 people got on.

How many people are now on the bus?

.....  
(Total 2 marks)

4. Chris buys

1 map costing £4.50

1 whistle costing £1.35

2 bars of chocolate costing £0.55 **each**

He pays with a £10 note.

Work out how much change he should get.

£ .....

(Total 3 marks)

5. Susan is decorating her bedroom.  
She buys

1 paint brush costing £2.46

1 paint roller costing £3.08

2 tins of paint costing £5.95 **each**

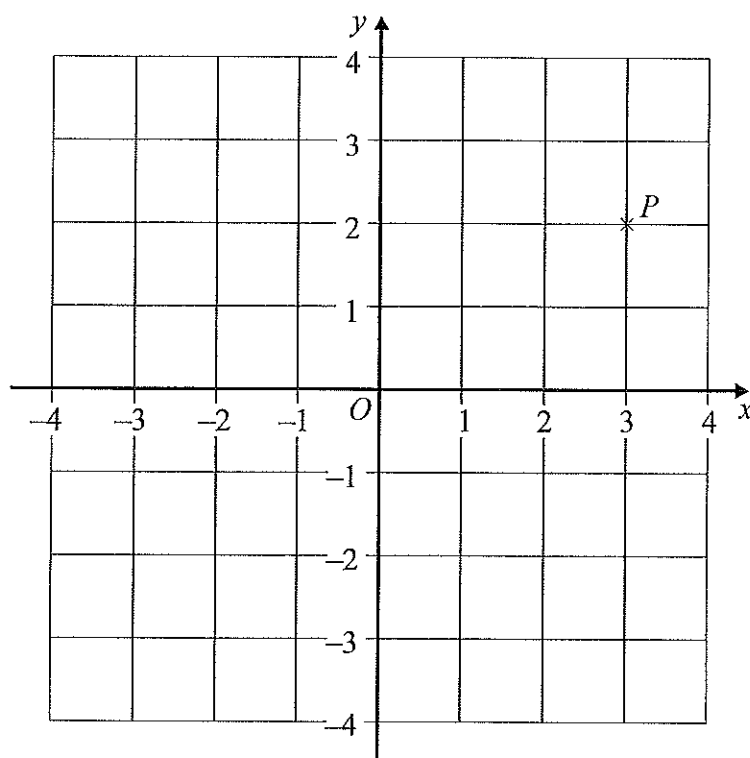
She pays with a £20 note.

Work out how much change she should get.

£.....

(Total 3 marks)

1.



- (a) Write down the coordinates of the point  $P$ .

(..... , .....)

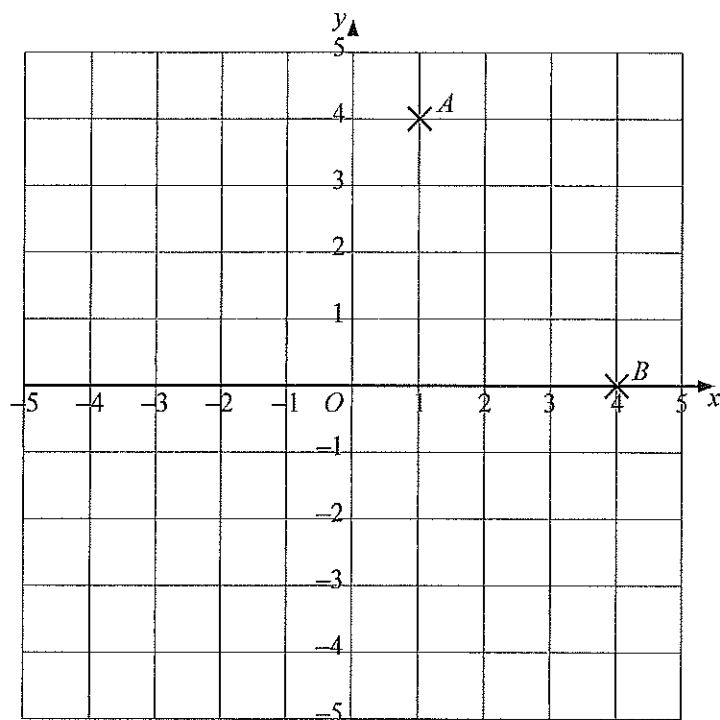
(1)

- (b) (i) On the grid, plot the point  $(0, 3)$ .  
Label the point  $Q$ .
- (ii) On the grid, plot the point  $(-2, -3)$ .  
Label the point  $R$ .

(2)

(Total 3 marks)

3.



- (a) (i) Write down the coordinates of the point  $A$ .

(....., .....)

- (ii) Write down the coordinates of the point  $B$ .

(....., .....)

(2)

- (b) (i) On the grid, plot the point  $(3, 2)$ .  
Label this point  $P$ .

- (ii) On the grid, plot the point  $(-4, 3)$ .  
Label this point  $Q$ .

(2)

(Total 4 marks)

1. (a) Write  $\frac{1}{4}$  as a percentage.

.....%  
(1)

- (b) Write 0.23 as a percentage.

.....%  
(1)

- (c) Write 42% as a fraction.  
Give your answer in its simplest form.

.....  
(2)  
(Total 4 marks)

2. (a) Write 0.15 as a percentage.

..... %  
(1)

- (b) Write 35% as a fraction.  
Give your answer in its simplest form.

.....  
(2)  
(Total 3 marks)

3. (a) Work out 50% of £60

£ .....  
(1)

- (b) Work out 25% of 20 metres.

..... metres  
(1)  
(Total 2 marks)

6. (a) (i) Write  $\frac{1}{4}$  as a percentage.

.....%

- (ii) Write 0.8 as a percentage.

.....%

(2)

- (b) Write 76% as a decimal.

.....

(1)

- (c) Write 45% as a fraction.  
Give your answer in its simplest form.

.....

(2)

(Total 5 marks)

7. (a) Write 0.85 as a percentage.

..... %

(1)

- (b) Write  $\frac{1}{10}$  as a percentage.

..... %

(1)

- (c) Write 60% as a decimal.

.....

(1)

(Total 3 marks)

8. (a) Write 0.37 as a percentage.

..... %

(1)

- (b) Write  $\frac{1}{4}$  as a percentage.

..... %

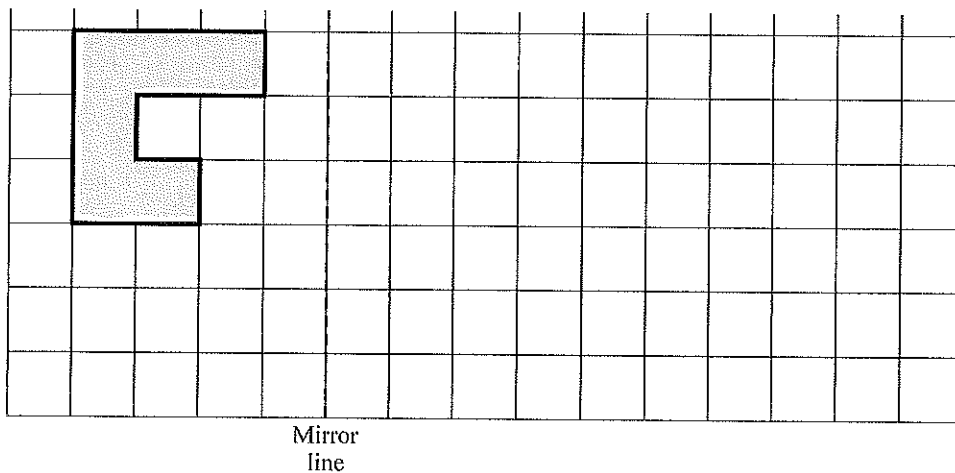
(1)

- (c) Write 19% as a fraction.

.....

(1)

1. A shaded shape is shown on the grid of centimetre squares.



- (a) Work out the perimeter of the shaded shape.

.....cm (1)

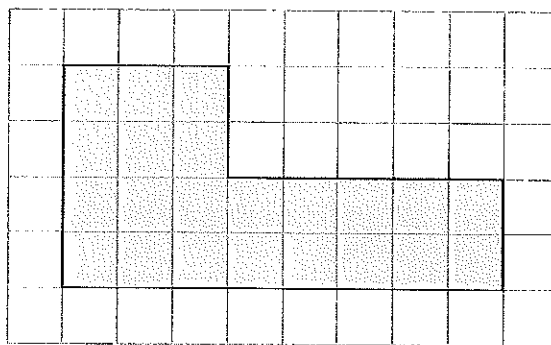
- (b) Work out the area of the shaded shape.

.....cm<sup>2</sup> (1)

- (c) Reflect the shaded shape in the mirror line.

(2)  
(4 marks)

2.



The shaded shape is drawn on a grid of centimetre squares.

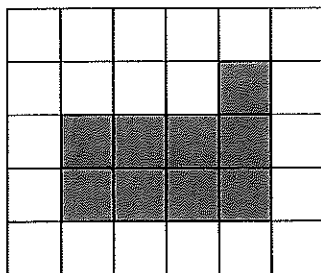
- (a) Find the perimeter of the shaded shape. .... cm (1)

- (b) Find the area of the shaded shape. .... cm<sup>2</sup> (1)

(2 marks)

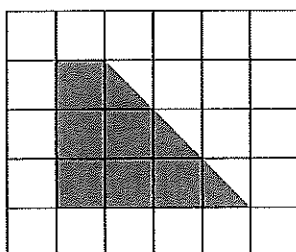


5. A shaded shape has been drawn on a grid of centimetre squares.



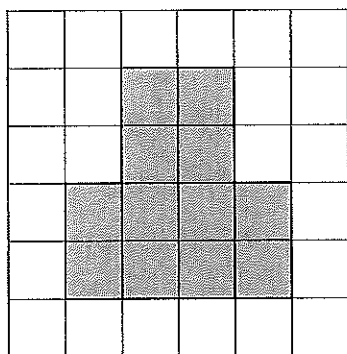
- (a) Find the perimeter of the shaded shape. ....cm (1)

Another shaded shape has been drawn on a grid of centimetre squares.



- (b) Find the area of the shaded shape. ....  $\text{cm}^2$  (2)  
(3 marks)

6. This shaded shape is drawn on a centimetre grid.



- (a) Work out the perimeter of the shaded shape. .... cm (1)
- (b) Work out the area of the shaded shape. ....  $\text{cm}^2$  (1)  
(2 marks)

1. (a) Write the number **four thousand and sixty two** in figures.

.....

(1)

- (b) Write down the value of the 7 in the number 76 320

.....

(1)

- (c) Write the number **2536** to the nearest hundred.

.....

(1)

(Total 3 marks)

2. (a) Write the number 3187 to the nearest thousand.

.....

(1)

- (b) Write the number **four thousand six hundred and eighty one** in figures.

.....

(1)

- (c) Write the number 5060 in words.

.....

(1)

(Total 3 marks)

5. 54 327 people watched a concert.

(a) Write 54 327 to the nearest thousand.

..... (1)

(b) Write down the value of the 5 in the number 54 327.

..... (1)

(Total 2 marks)

6. (a) Write the number **seventeen thousand, two hundred and fifty-two** in figures.

..... (1)

(b) Write the number 5367 correct to the nearest hundred.

..... (1)

(c) Write down the value of the 4 in the number 274 863

..... (1)

(Total 3 marks)

7. (a) Write the number **seven thousand, two hundred and fifty two** in figures.

..... (1)

(b) Write the number 3086 in words.

..... (1)

(c) Write the number 4637 to the nearest hundred.

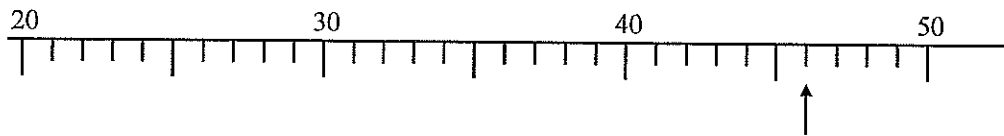
..... (1)

(d) Write the value of 2 in the number 5271

..... (1)

(Total 4 marks)

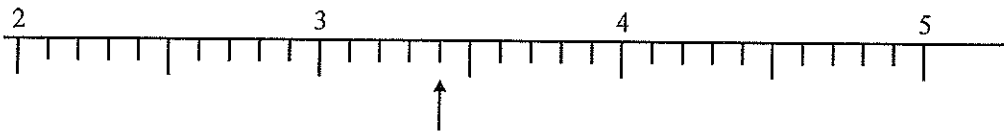
1.



(a) Write down the number marked with an arrow.

.....

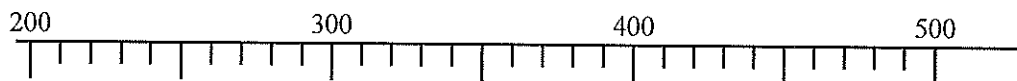
(1)



(b) Write down the number marked with an arrow.

.....

(1)



(c) Find the number 430 on the number line.  
Mark it with an arrow (  $\uparrow$  ).

(1)

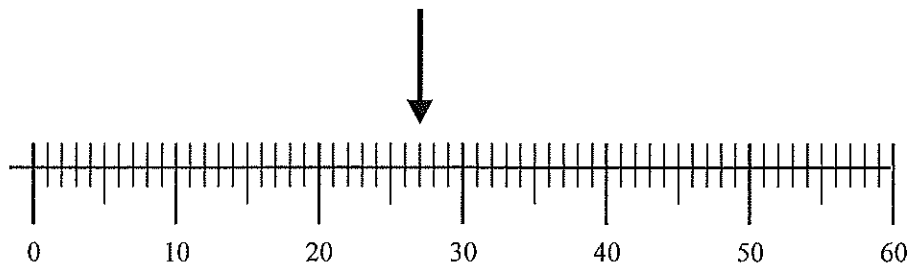


(d) Find the number 3.7 on the number line.  
Mark it with an arrow (  $\uparrow$  ).

(1)

(Total 4 marks)

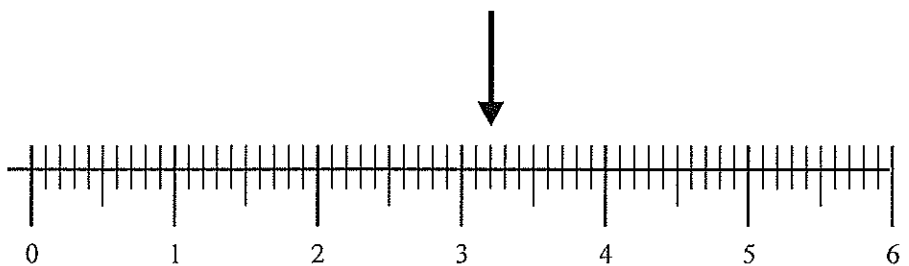
3.



(a) Write down the number marked by the arrow.

.....

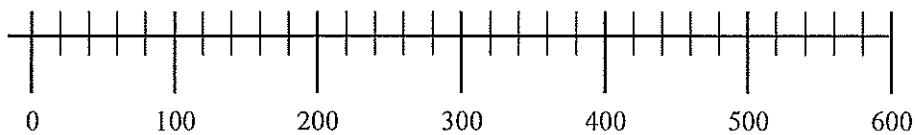
(1)



(b) Write down the number marked by the arrow.

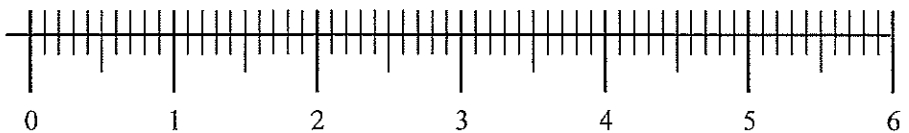
.....

(1)



(c) Find the number 460 on the number line.  
Mark it with an arrow ( ↓ ).

(1)



(d) Find the number 2.8 on the number line.  
Mark it with an arrow ( ↓ ).

(1)

(Total 4 marks)

1. Here is part of a railway timetable.

|                |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| Manchester     | 07 53 | 09 17 | 10 35 | 11 17 | 13 30 | 14 36 | 16 26 |
| Stockport      | 08 01 | 09 26 | 10 43 | 11 25 | 13 38 | 14 46 | 16 39 |
| Macclesfield   | 08 23 | 09 38 | 10 58 | 11 38 | 13 52 | 14 58 | 17 03 |
| Congleton      | 08 31 | —     | —     | 11 49 | —     | 15 07 | 17 10 |
| Kids Grove     | 08 37 | —     | —     | —     | —     | —     | 17 16 |
| Stoke-on-Trent | 08 49 | 10 00 | 11 23 | 12 03 | 14 12 | 15 19 | 17 33 |

A train leaves Manchester at 10 35.

- (a) At what time should this train arrive in Stoke-on-Trent?

.....

(1)

Doris has to go to a meeting in Stoke-on-Trent.

She will catch the train in Stockport.

She needs to arrive in Stoke-on-Trent before 2 pm for her meeting.

- (b) Write down the time of the latest train she can catch in Stockport.

.....

(1)

- (c) Work out how many minutes it should take the 14 36 train from Manchester to get to Stoke-on-Trent.

..... minutes

(1)

The 14 36 train from Manchester to Stoke-on-Trent takes less time than the 16 26 train from Manchester to Stoke-on-Trent.

- (d) How many minutes less?

..... minutes

(2)

(5 marks)

3. The table shows part of a bus timetable from Shotton to Alton.

|         |       |       |       |       |       |
|---------|-------|-------|-------|-------|-------|
| Shotton | 07 30 | 08 00 | 09 00 | 10 00 | 11 00 |
| Crook   | 07 45 | 08 15 | 09 15 | 10 15 | 11 15 |
| Prudhoe | 07 58 | 08 28 | 09 28 | 10 28 | 11 28 |
| Hexham  | 08 15 | 08 45 | 09 45 | 10 45 | 11 45 |
| Alton   | 08 30 | 09 00 | 10 00 | 11 00 | 12 00 |

A bus leaves Shotton at 07 30

(a) What time should it arrive at Alton?

.....  
(1)

Another bus leaves Prudhoe at 08 28

(b) How many minutes should it take to get to Hexham?

..... minutes  
(1)

Serena lives in Crook.

She has to be in Hexham by quarter past 11

(c) What is the time of the latest bus she can catch from Crook to arrive in Hexham by quarter past 11?

.....  
(1)  
(3 marks)

