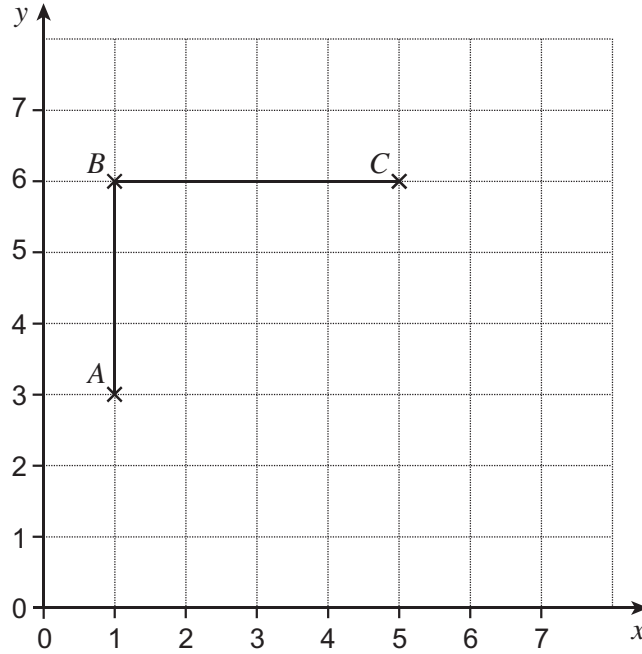


Answer **all** questions in the spaces provided.

**1** Lines  $AB$  and  $BC$  are shown on the centimetre grid.



**1 (a)** Write down the coordinates of point  $A$ .

Answer ( ..... , ..... ) (1 mark)

**1 (b)**  $A$ ,  $B$  and  $C$  are three corners of a rectangle  $ABCD$ .

Complete the rectangle on the grid. (1 mark)

**1 (c)** Work out the perimeter of rectangle  $ABCD$ .

.....  
 .....  
 .....

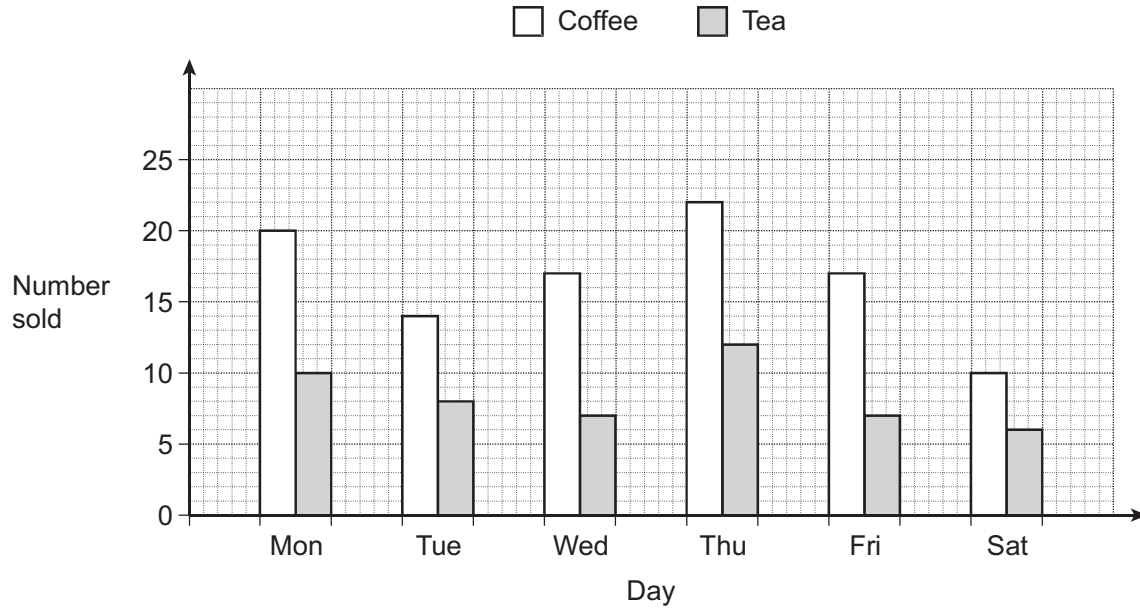
Answer ..... cm (2 marks)

4
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Turn over ►



\*2 A café sells coffee and tea.  
The numbers sold for one week are shown.



2 (a) How many teas were sold on **Monday**?

Answer ..... (1 mark)

2 (b) Coffee costs £1.20  
Tea costs £1.00

How much money did the café take from coffee and tea sales on **Saturday**?

.....  
.....  
.....

Answer £ ..... (3 marks)



**2 (c)** 100 coffees were sold that week.

Was coffee twice as popular as tea?  
You **must** show your working.

.....  
.....  
.....  
.....  
.....  
.....

(3 marks)

**3 (a)** Work out  $149 + 36$

.....  
.....  
.....

Answer ..... (1 mark)

**3 (b)** Work out  $9 \times 16$

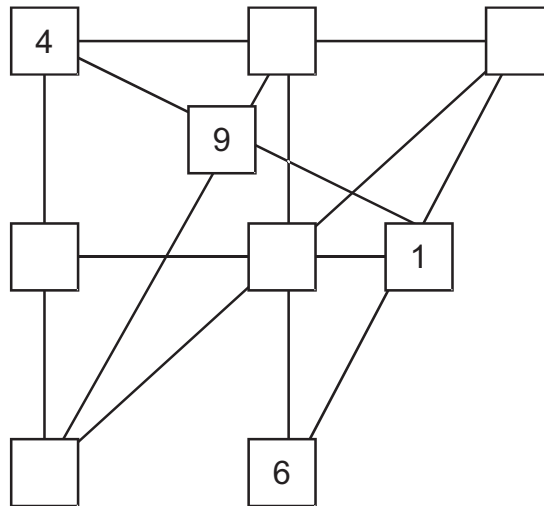
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Answer ..... (1 mark)

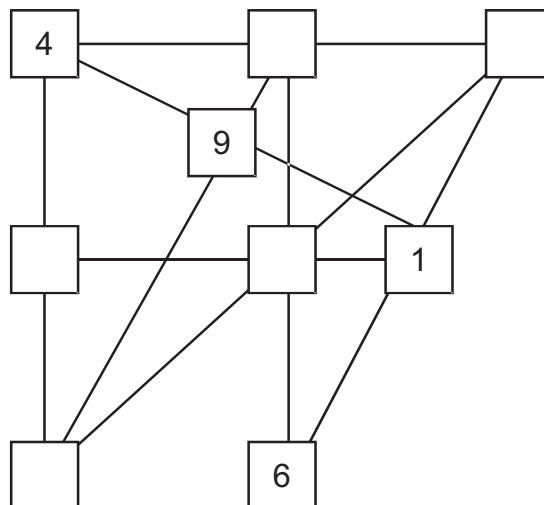


- 4 In the diagram, the three boxes in each straight line have a total of 14.  
Complete the diagram using the numbers 2, 3, 5, 7 and 8.

You can use this diagram to practise.



Put your final answer on this diagram.



(3 marks)



5 Work out the value of  $3a + 5b$  when  $a = 2$  and  $b = 7$

.....

.....

.....

Answer ..... (2 marks)

6 (a) Write down the value of  $\sqrt{100}$

Answer ..... (1 mark)

6 (b) Write down the value of  $13^2$

Answer ..... (1 mark)

**Turn over for the next question**

7
---

**Turn over ►**



\*7 The first five lines of the 8-times table are shown.

$1 \times 8$	8
$2 \times 8$	16
$3 \times 8$	24
$4 \times 8$	32
$5 \times 8$	40

7 (a) Vicky uses the table to work out  $53 \times 8$

$$\begin{array}{r} 50 \times 8 = 400 \\ 3 \times 8 = 24 \\ \hline 53 \times 8 = 424 \end{array}$$



Use Vicky's method to work out  $34 \times 8$

.....

.....

.....

Answer ..... (3 marks)

7 (b) Eight friends win £4032  
They share the money equally.

Work out what each friend gets.

.....

.....

.....

Answer £ ..... (2 marks)



**8** Work out 80% of 300

.....  
.....  
.....

Answer ..... (2 marks)

**9 (a)** Circle the cube number.

25      27      31      32      44      45

(1 mark)

**9 (b)** Circle the prime number.

25      27      31      32      44      45

(1 mark)

**9 (c)** Circle a number that is a factor of 900

25      27      31      32      44      45

(1 mark)

10

Turn over ►

