Year 4 Maths 21st July 2020

Reasoning 1

1 There are 380 cars in a car park.

120 cars leave.

How many cars are now in the car park?

cars

1 mark

2 Tick the statements that are true.

$3 \times 4 = 4 + 4 + 4$ ☐

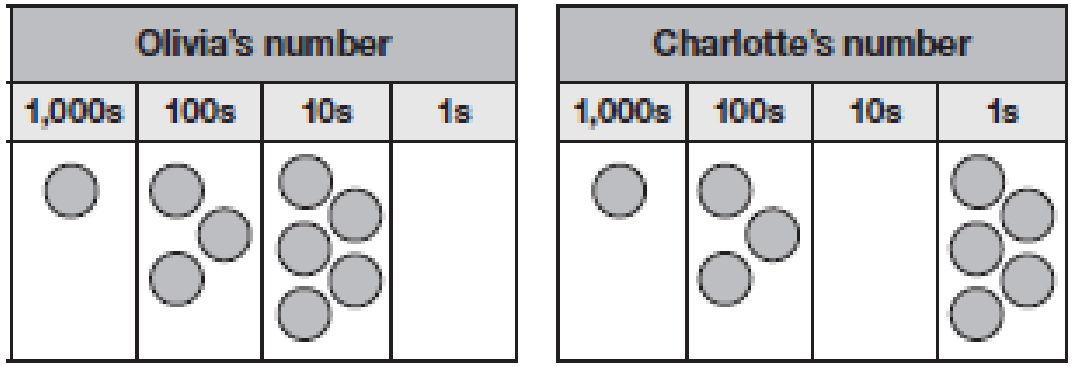
$3 \times 4 = 4 \times 3$ ☐

$3 \times 4 = 2 \times 6$ ☐

$3 \times 4 = 12 \times 2$ ☐

1 mark

3 Olivia and Charlotte are representing numbers on a grid.



Who has represented 1,305?

Circle

Olivia Charlotte Both of them

1 mark

4 The letters A, B and C represent three numbers.

Write the correct letter next to each number.

6,726 ☐

6,920 ☐

6,355 ☐

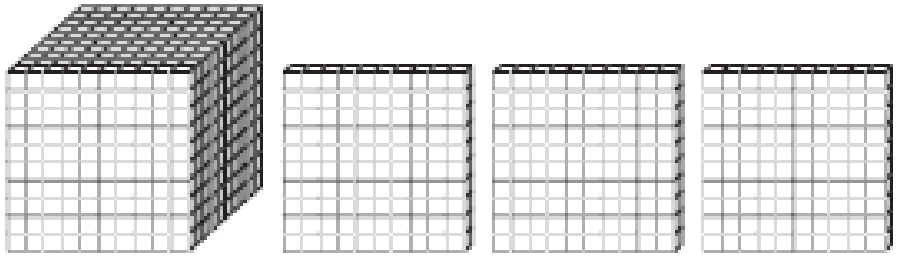
1 mark

Round 6,355 to the nearest thousand.

☐

1 mark

5 Kallan makes a number.

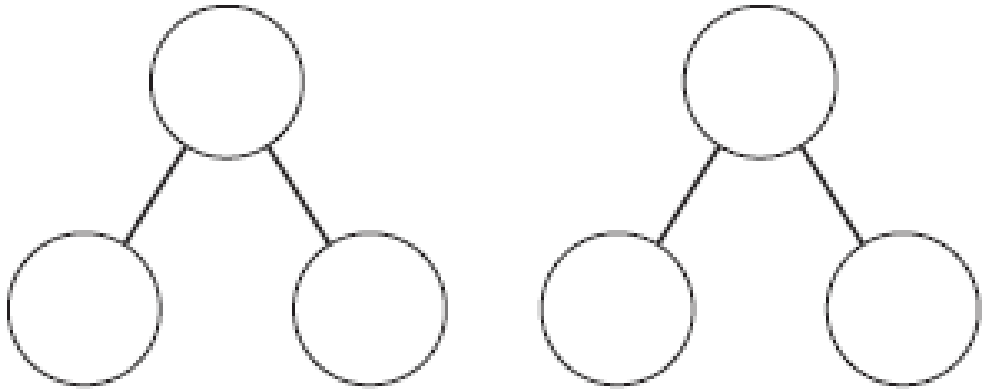


Write Kallan's number in words.

1 mark

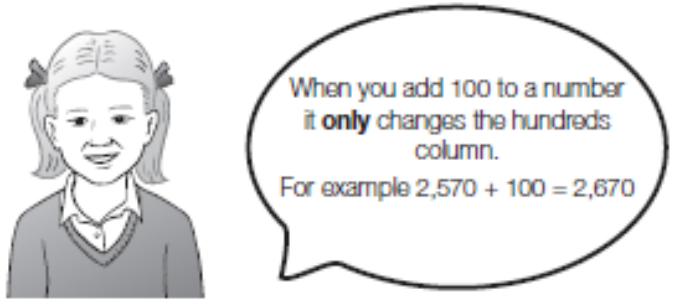
Kallan wants to partition his number in **different** ways.

Complete the part-whole models to show two ways he could do this.



2 marks

6 Brooke is talking about adding 100



Brooke

Give an example to show that Brooke is not correct.

1 mark

7 Complete the number track.

0	25	50				150

1 mark

8 Here is a correct calculation.

568 + 422 = 990

Tick the statements that are true.

422 – 990 = 568 ☐

422 + 568 = 990 ☐

422 = 568 – 990 ☐

422 = 990 – 568 ☐

1 mark

Complete the missing number to make this statement true.

568 + ☐ = 1,010

1 mark

9 Amir has £275

He gives £105 to his mum and £80 to his dad.

He shares the money that is left equally between his 10 friends.

How much money does each friend receive?

Show your method

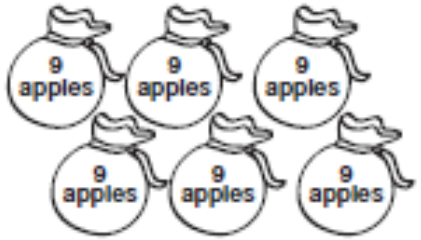
£

2 marks

10 Complete a multiplication fact that each image represents.

☐ × ☐ = ☐

1 mark



☐ × ☐ = ☐

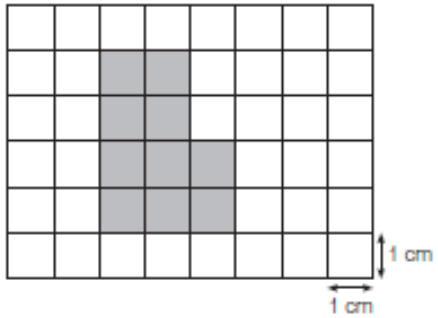
1 mark

Complete the number sentences.

3	×		=	18
3	×		=	180
180	÷		=	30

3 marks

11 A shape is drawn on a centimetre squared grid.

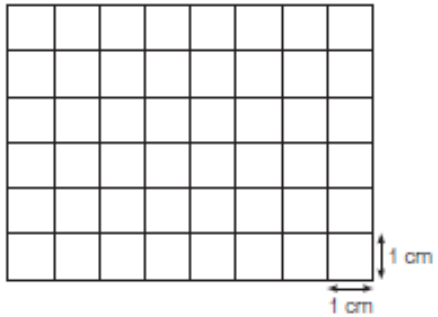


Work out the perimeter of the shape.

cm

1 mark

Draw a rectangle with a perimeter of 12 cm on this centimetre squared grid.



1 mark

12 Complete the missing numbers.

$$3 \div \square = \square \times 3$$

1 mark

13 Use <, > or = to make the statements correct.

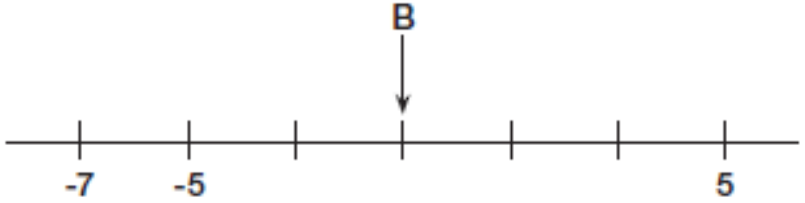
3 thousands, 4 hundreds and 2 ones ○ 3,420

1,000 less than 9,700 ○ 1,000 more than 8,700

3,997 rounded to the nearest 10 ○ 4,000

3 marks

14 Here is a number line.



What number is B pointing to?

1 mark

15 Courtney is using the column method to work out 3,999 + 5,999

	3	9	9	9
+	5	9	9	9
	9	9	9	8
		1	1	1

Explain a more efficient way that Courtney could have worked out the addition.

ANSWERS

Question	Answer	Marks
1	260	1
2	3 × 4 = 4 + 4 + 4 ✓ 3 × 4 = 4 × 3 ✓ 3 × 4 = 2 × 6 ✓ 3 × 4 = 12 × 2 ☐	1
3	Charlotte	1
4	B C A	1
	6,000	1
5	One thousand, three hundred	1
	Two different ways of partitioning 1,300 e.g. 1,000 and 300 500 and 800	2
6	e.g. 2,970 + 100 = 3,070	1
7	75, 100, 125	1
8	422 – 990 = 568 ☐ 422 + 568 = 990 ✓ 422 = 568 – 990 ☐ 422 = 990 – 568 ✓	1
	442	1
9	£9.00	2
10	7 × 3 = 21 or 3 × 7 = 21 6 × 9 = 54 or 9 × 6 = 54	2
	6 60 6	3
11	14 cm	1
	Any rectangle with perimeter of 12 cm e.g. 3 cm by 3 cm 2 cm by 4 cm 1 cm by 5 cm	1
12	1 and 1	1
13	< < =	3
14	–1	1
15	e.g. Courtney could have added 4,000 and 6,000 and then subtracted 2	1
16	7	3