Year 5

Multiplication and Division

Name _____

1 Circle all the multiples of 5

15   30   32   79   175   500

1 mark

2 Write one number **less than 50** in each box.

	Multiple of 6	Not a multiple of 6
Square number		
Not a square number		

2 marks

3 One juice box is 4 cm wide.
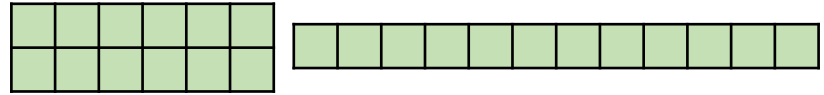Eva makes a line of boxes 240 cm long.

JUICE

4cm

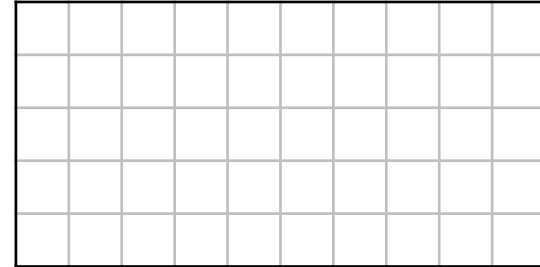How many juice boxes does she line up?

_____ boxes

1 mark

4 Amir arranges 12 square tiles to make some arrays.

Draw another array of 12 tiles that is **different** to the ones above.

1 mark

Write down all the factors of 12
You can use the arrays to help you.

_____

1 mark

5 Alex runs 800 metres.
Whitney runs 10 times as far as Alex.
How much further does Whitney run than Alex?

_____ m

2 marks

6 Max shades the prime numbers on part of a hundred square.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

He has missed 2 prime numbers.
Shade the prime numbers Max has missed.

2 marks

7 Here are four cards.

$\div 10$ $\times 10$ $\times 100$ $\div 100$

Use the cards to complete the calculations.

$$561{,}000 \boxed{} = 5{,}610$$

$$5{,}610 \boxed{} = 561{,}000$$

$$561{,}000 \boxed{} = 56{,}100$$

$$5{,}610 \boxed{} = 56{,}100$$

3 marks

8 Write each number in its correct place on the diagram.

6   15   27   64

start ⟶
- cube
  - even ⟶ ☐
  - not even ⟶ ☐
- not cube
  - even ⟶ ☐
  - not even ⟶ ☐
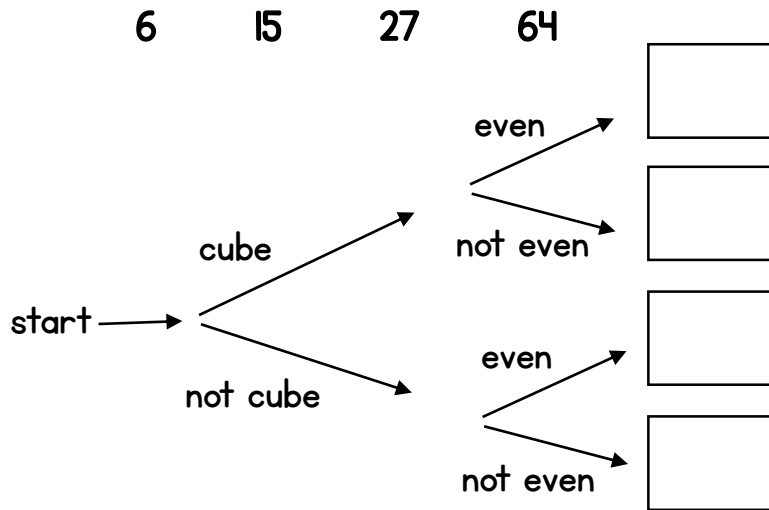
2 marks

9 A pencil case has 20 pencils in it.
A box contains 36 pencil cases.
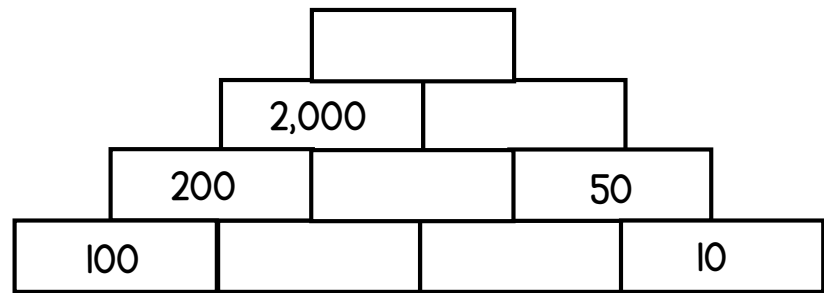How many pencils are in a box?

_____ pencils

1 mark

10 Write a digit in each box to complete the number sentence.

$$\boxed{}\boxed{} - 7 = \boxed{}$$

2-digit prime number   1-digit square number

2 marks

11 Complete the multiplication pyramid.

	2,000		
200		50
100			10

2 marks

Circle how confident you feel with multiplication & division.

1   2   3   4   5

Not confident   Very confident