Year 5

Multiplication and Division

Answers

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	36	1, 4, 9, 16, 25, 49
Not a square number	6, 12, 18, 24, 30, 42, 48	2, 3, 5, 7, 8, 10, 11, 13, 14, 15...

Award 1 mark for any two boxes.

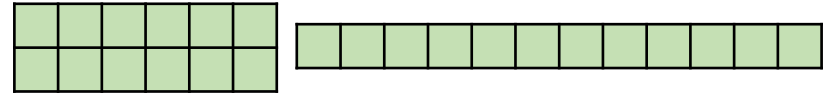Award 2 marks for all four boxes completed.

2 marks

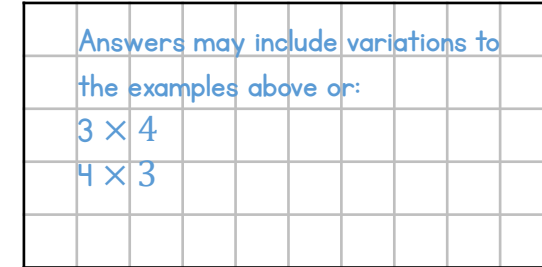**3** One juice box is 4 cm wide.

Eva makes a line of boxes 240 cm long.

How many juice boxes does she line up?

JUICE

4cm

60 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.

Answers may include variations to the examples above or:

3×4

4×3

1 mark

Write down all the factors of 12

You can use the arrays to help you.

1, 2, 3, 4, 6, 12

1 mark

5 Alex runs 800 metres.

Whitney runs 10 times as far as Alex.

How much further does Whitney run than Alex?

Award 1 mark for 1 correct step of calculation.

Award 2 marks for a correct answer of 7,200

7,200 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.   17 and 29

2 marks

7 Here are four cards.

$$\boxed{\div\ 10} \quad \boxed{\times\ 10} \quad \boxed{\times\ 100} \quad \boxed{\div\ 100}$$

Use the cards to complete the calculations.

$$561{,}000 \boxed{\div\ 100} = 5{,}610$$

$$5{,}610 \boxed{\times\ 100} = 561{,}000$$

$$561{,}000 \boxed{\div\ 10} = 56{,}100$$

$$5{,}610 \boxed{\times\ 10} = 56{,}100$$

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

$$6 \qquad 15 \qquad 27 \qquad 64$$

start →

cube →
- even → 64
- not even → 27

not cube →
- even → 6
- not even → 15
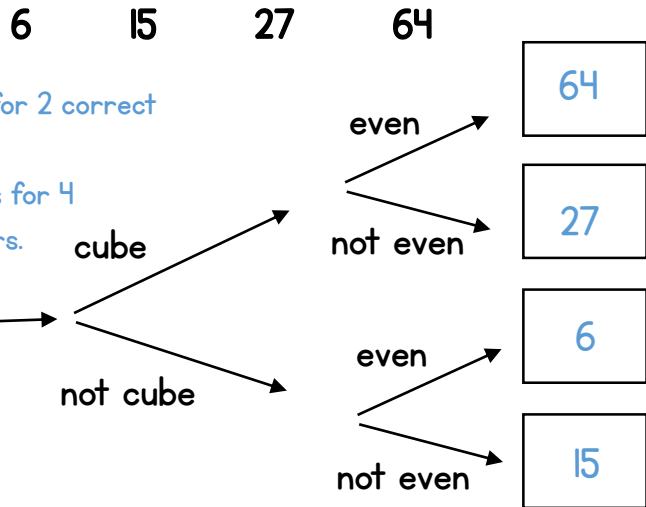
2 marks

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

720 pencils

1 mark

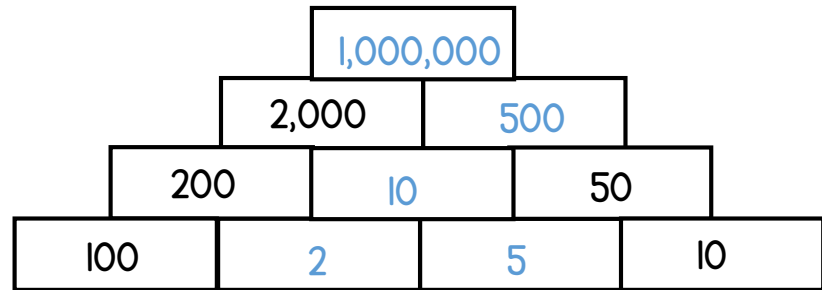**10** Write a digit in each box to complete the number sentence.

$$\boxed{1}\,\boxed{1} - 7 = \boxed{4}$$

2-digit prime number   1-digit square number

2 marks

11 Complete the multiplication pyramid.

	1,000,000	
2,000		500
200	10	50
100	2	5	10

2 marks

3 marks

Circle how confident you feel with multiplication & division.

$$1 \qquad 2 \qquad 3 \qquad 4 \qquad 5$$

Not confident   Very confident

2 marks