Year 4

Multiplication and Division

Answers

1 Match each statement to the correct bar model.

| 6 bags of 10 sweets |
| 10 bags of 6 sweets |
| 10 bags of 10 sweets |

| 10 | 10 | 10 | 10 | 10 | 10 |

| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

1 mark

2 Complete the bar model to show 7×3

| | 21 | | | | | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 |

1 mark

3 Each box contains 6 eggs.

Complete the fact family to represent the eggs.

$$6 \times 7 = 42$$
$$7 \times 6 = 42$$
$$42 \div 7 = 6$$
$$42 \div 6 = 7$$

1 mark

4 Use the number line to help you work out

$$6 \times 40 = 240$$

0 40 80 120 160 200 240 280 320 360 400
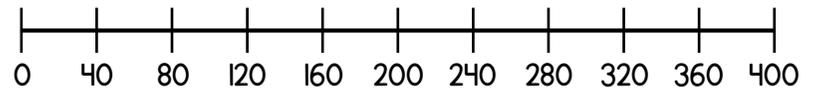
1 mark

5 Complete the calculations.

$$5 \times 30 = 150 \qquad 180 \div 2 = 90$$

$$5 \times 300 = 1{,}500 \qquad 630 \div 9 = 70$$

3 marks

6 Leon makes an array using counters.
Part of the array is covered.
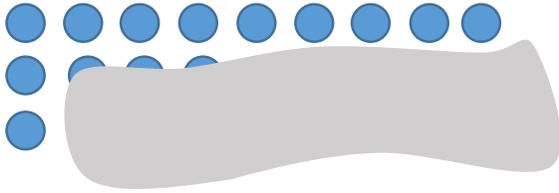
Write down a multiplication that the array shows.

$\boxed{} \times \boxed{}$

How many counters are in the array?

_____27_____ counters

1 mark

7 A bag costs £11 and a mug costs £7
Annie spends £80 in total on bags and mugs.
She buys 6 bags.
How many mugs does she buy?

_____2_____ mugs

2 marks

8 The product of two numbers is 48
The sum of the two numbers is 16
Circle the two numbers.

2   ④   6   8   ⑫   24

1 mark

9 What is the value of the triangle?

$$7 \times \triangle = 8 \times \triangle$$

$$\triangle = \underline{\quad 0 \quad}$$

1 mark

10 A sticker book can fit 6 stickers on each page.
8 out of 20 pages of the book are full.
How many **more** stickers are needed to complete the sticker book?

_____72_____ stickers

2 marks

Circle how confident you feel with multiplication & division.

1   2   3   4   5

Not   Very
confident   confident