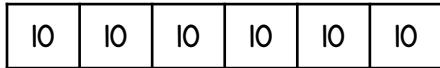# Year 4

## Multiplication and Division

Name _____

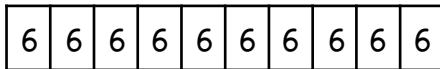**1** Match each statement to the correct bar model.

| 6 bags of 10 sweets |

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

| 10 bags of 6 sweets |

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

| 10 bags of 10 sweets |

| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
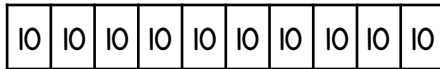
1 mark

**2** Complete the bar model to show $7 \times 3$

| | | | | | | | |
| 3 | 3 | 3 | | | | | |
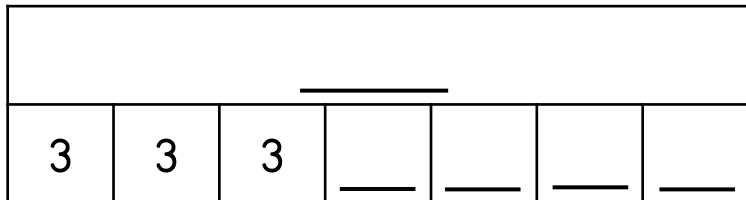
1 mark

**3** Each box contains 6 eggs.

Complete the fact family to represent the eggs.

$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{\phantom{0}} \times \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{\phantom{0}} \div \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

$$\boxed{\phantom{0}} \div \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

1 mark

**4** Use the number line to help you work out

$$6 \times 40 = \boxed{\phantom{000}}$$

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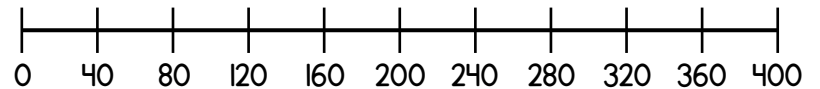
1 mark

**5** Complete the calculations.

$5 \times 30 = \boxed{\phantom{000}}$        $180 \div 2 = \boxed{\phantom{000}}$

$5 \times 300 = \boxed{\phantom{000}}$        $630 \div \boxed{\phantom{000}} = 70$

3 marks

**6** Leon makes an array using counters.
Part of the array is covered.
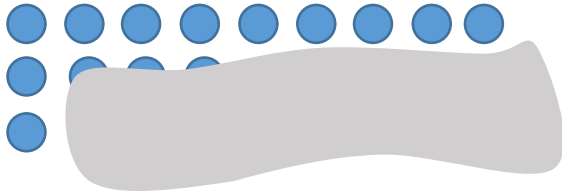


Write down a multiplication that the array shows.

$\boxed{\phantom{0}} \times \boxed{\phantom{0}}$

How many counters are in the array?

_____ 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?

_____ 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?

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

$\triangle =$ _____

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?

_____ stickers

2 marks

Circle how confident you feel with multiplication & division.

1        2        3        4        5

Not
confident

Very
confident