4 MULTIPLICATION AND DIVISION

White Rose Maths

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1 Match the statements to the bar models.

| 7 bags of 10 sweets |

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

| 10 bags of 7 sweets |

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

| 10 bags of 10 sweets |

| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

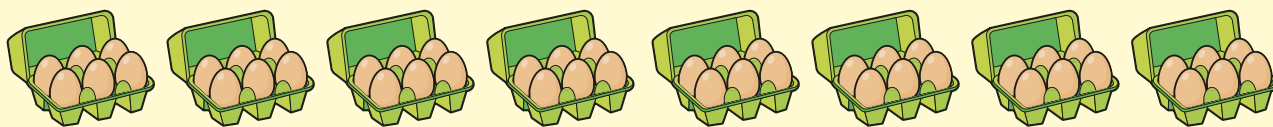**2** Complete the bar model to show 7 × 4
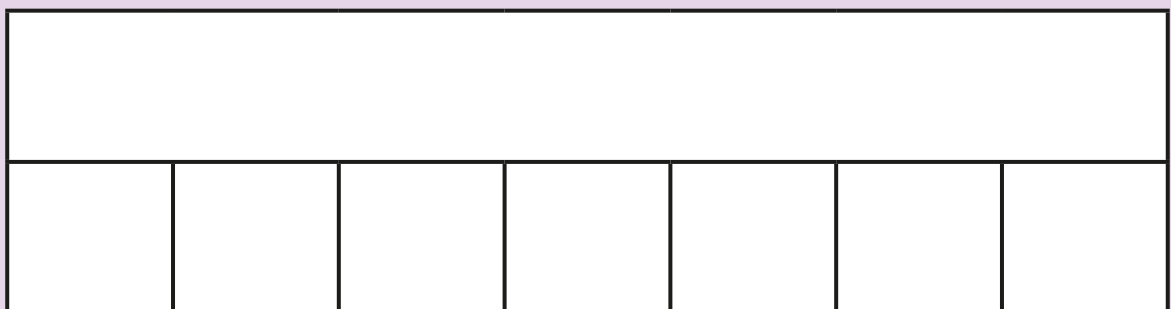
3 Each box contains 6 eggs.

Complete the fact family to represent the eggs.

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

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

$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

4 Use the number line to help you work out

$$6 \times 30 = \boxed{}$$

0   30   60   90   120   150   180   210   240   270   300
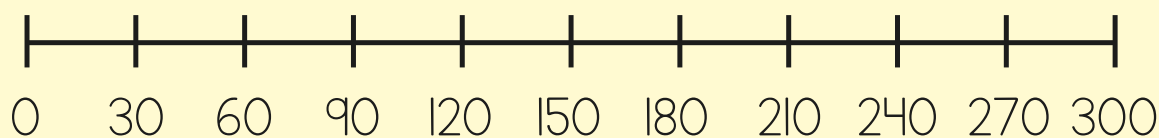
5 Complete the calculations.

$5 \times 40 = \boxed{}$ $140 \div 2 = \boxed{}$

$5 \times 400 = \boxed{}$ $450 \div \boxed{} = 50$

6 Mo makes an array using counters.

Part of the array is covered.
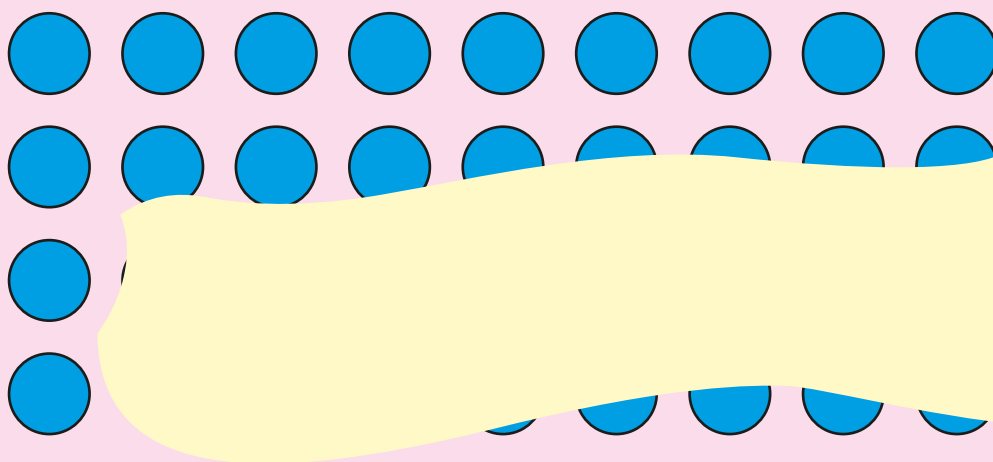
Write one multiplication
that the array represents. $\boxed{} \times \boxed{}$

How many counters are in the array?

$\boxed{}$ counters

7 A bag costs £11 and a mug costs £9

Annie spends £95 in total on bags and mugs.

She buys 7 bags.

How many mugs does she buy?

8 The product of two numbers is 72

The sum of the two numbers is 18

Circle the two numbers.

3   6   8   9   12   24

9 What is the value of the triangle?

$9 \times \triangle = 7 \times \triangle$
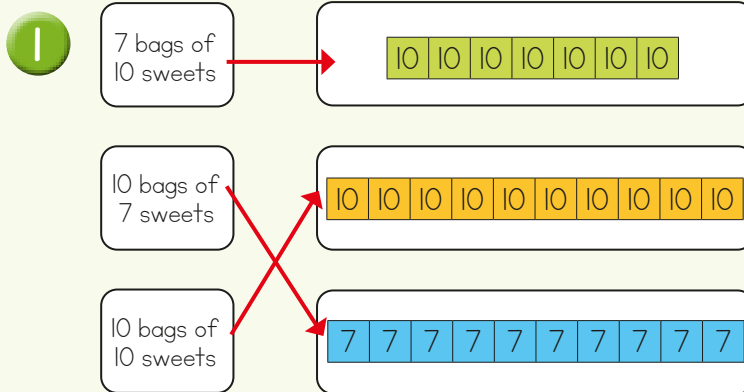
$\triangle = \boxed{}$

10 A sticker book can fit 6 stickers on each page.

11 out of 20 pages of the book are full.

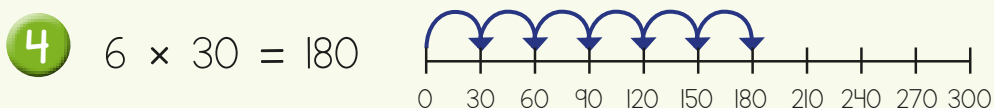How many **more** stickers are needed to complete the sticker book?

Answers

1

7 bags of 10 sweets → | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

10 bags of 7 sweets ⟋ | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

10 bags of 10 sweets ⟍ | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

2

28						
4	4	4	4	4	4	4

3

$6 \times 8 = 48$

$8 \times 6 = 48$

$48 \div 6 = 8$

$48 \div 8 = 6$

4 $6 \times 30 = 180$

0 30 60 90 120 150 180 210 240 270 300

5

$5 \times 40 = 200$ $\qquad$ $140 \div 2 = 70$

$5 \times 400 = 2{,}000$ $\qquad$ $450 \div 9 = 50$

6 4×9 $\qquad$ 36 counters

7 2 mugs

8 ⑥ $\qquad$ ⑫

9 ▲ = 0

10 54 stickers