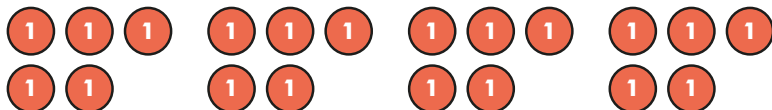


- 1 a) What multiplications are represented?



- b) How do the representations in part a) show related facts?

- c) Draw counters to show how to calculate 4×0.5



- 2 Solve the calculations.

a) 5×7

50×7

500×7

b) 6×3

6×300

30×6

c) 8×9

$72 \div 9$

$720 \div 9$

$720 \div 8$

d) 12×5

$600 \div 12$

$6,000 \div \square = 12$

$300 \div 12$

3

$$85 \times 5 = 425$$

Solve the calculations.

85×50

85×500

$85 \times 5,000$

$425 \div 85$

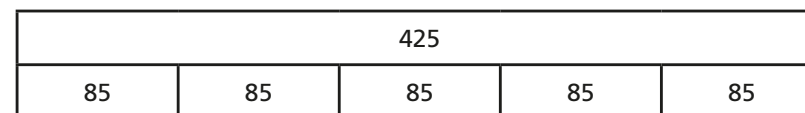
$425 \div 5$

$4,250 \div 5$

$4,250 \div 850$

4

The bar model shows $85 \times 5 = 425$



Explain how to work out these calculations from the given fact.

85×6

86×5

5

Match the calculations that give the same answer.

$4,251 - 1,750$

$5,251 - 1,750$

$4,249 - 1,750$

$2,501 + 1,750$

$2,501 + 1,749$

$2,502 + 1,749$

$2,500 + 1,750$

$5,250 - 1,749$

$4,250 - 1,749$

$4,250 - 1,751$

Explain your method to a partner.



3

$$85 \times 5 = 425$$

Solve the calculations.

$$85 \times 50$$

$$425 \div 85$$

$$85 \times 500$$

$$425 \div 5$$

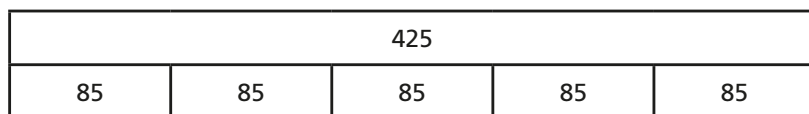
$$85 \times 5,000$$

$$4,250 \div 5$$

$$4,250 \div 850$$

4

The bar model shows $85 \times 5 = 425$



Explain how to work out these calculations from the given fact.

$$85 \times 6$$

$$86 \times 5$$

5

Match the calculations that give the same answer.

$$4,251 - 1,750$$

$$2,502 + 1,749$$

$$5,251 - 1,750$$

$$2,500 + 1,750$$

$$4,249 - 1,750$$

$$5,250 - 1,749$$

$$2,501 + 1,750$$

$$4,250 - 1,749$$

$$2,501 + 1,749$$

$$4,250 - 1,751$$

Explain your method to a partner.

6

Eva has a 630 cm piece of ribbon.

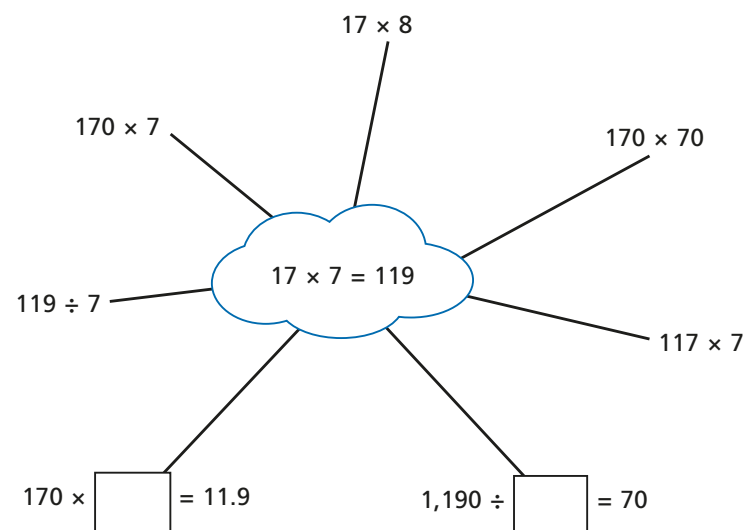
She uses $\frac{4}{9}$ of the ribbon on a dress.

What length of ribbon does she use on the dress?



7

Use the central calculation to complete the related facts.



8

Ron buys 8 cans for 99p each.



Annie buys 9 cans for 98p each.



What is the difference between the amounts they spend?

What is the most efficient way of working this out?