## Related facts - multiplication and division



- Complete the number sentences.

- b) 10
- $4 \times 6$  tens = tens =
- c) 100
- $4 \times 6$  hundreds = hundreds =
- Work out the multiplications.



 $\alpha$ ) 5 × 7

 $5 \times 70$ 

 $5 \times 700$ 

**b)** 6 × 3

6 × 30

6 × 300

**c)** 8 × 7

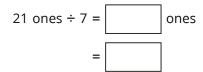
 $80 \times 7$ 

 $800 \times 7$ 

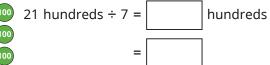
- **d)** 12 × 9
- $12 \times 90$
- 12 × 900

Complete the number sentences.

a)	







Work out the divisions.

A train journey is 60 km long.

The train completes the journey 7 times.

How far has the train travelled in total?

A school raises £2,400 at a fundraiser.

They decide to share the money equally between 3 charities.

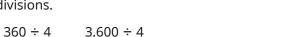
How much money does each charity receive?

## Related facts - multiplication and division



- Complete the number sentences.
  - a) (1) (1) (1) (1) (1)
- 21 ones  $\div$  7 = ones =
- b) (10) (10) (10) (10) (10) 10 10 10 10 10 10 10 10 10 10
- 21 tens  $\div$  7 = tens
- c)  $100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 100 \ 21 \ hundreds ÷ 7 =$ 100 100 100 100 100 100
- hundreds
- Work out the divisions.

a)  $36 \div 4$ 



- **b)** 56 ÷ 7  $560 \div 7$  $5,600 \div 7$
- **c)** 72 ÷ 9  $720 \div 9$  $7.200 \div 9$
- A train journey is 60 km long. The train completes the journey 7 times. How far has the train travelled in total?
- A school raises £2,400 at a fundraiser. They decide to share the money equally between 3 charities. How much money does each charity receive?

Teddy is working out 9 × 700 Annie is working out 7 × 900



900 is greater than 700, so my total will be greater.

I have more groups, so my total will be greater.



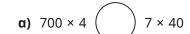
Teddy

Who do you agree with? Explain your reasons.

 $9 \times 3 = 27$ 

Write six other facts you can work out from this number sentence.

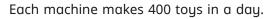
Write <, > or = to compare the calculations.



c) 
$$63 \div 7$$
  $()$   $630 \div 7$ 

**f)** 
$$5 \times 40$$
 ( )  $200 \div 4$ 

There are 3 machines making toys in a factory.



The toys are then packed into 6 containers.

How may tous will there be in each container?

