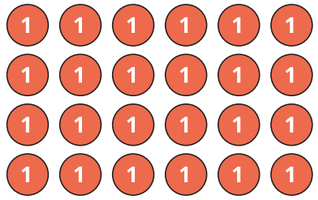
Related facts – multiplication and division

1 Complete the number sentences.

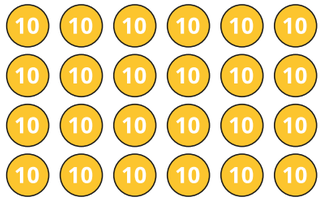
a)



4 × 6 ones = ☐ ones

= ☐

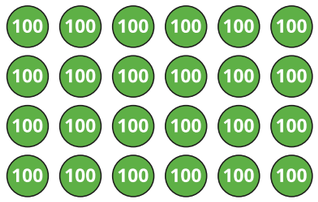
b)



4 × 6 tens = ☐ tens

= ☐

c)



4 × 6 hundreds = ☐ hundreds

= ☐

2 Complete the calculations.

a) 5 × 7 = ☐ 5 × 70 = ☐ 5 × 700 = ☐

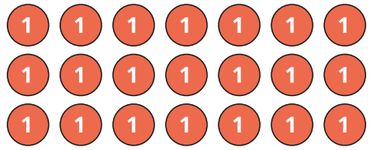
b) 6 × 3 = ☐ 6 × 30 = ☐ 6 × 300 = ☐

c) 8 × 7 = ☐ 80 × 7 = ☐ 800 × 7 = ☐

d) 12 × 9 = ☐ 12 × 90 = ☐ 12 × 900 = ☐

3 Complete the number sentences.

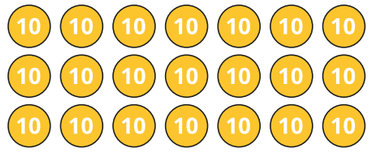
a)



21 ones ÷ 7 = ☐ ones

= ☐

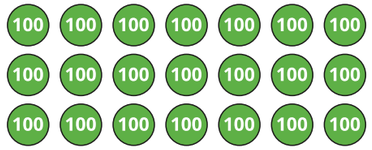
b)



21 tens ÷ 7 = ☐ tens

= ☐

c)



21 hundreds ÷ 7 = ☐ hundreds

= ☐

4 Complete the calculations.

a) 36 ÷ 4 = ☐ 360 ÷ 4 = ☐ 3,600 ÷ 4 = ☐

b) 56 ÷ 7 = ☐ 560 ÷ 7 = ☐ 5,600 ÷ 7 = ☐

c) 72 ÷ 9 = ☐ 720 ÷ 9 = ☐ 7,200 ÷ 9 = ☐

5 A train journey is 60 km long.

The train completes the journey 7 times.

How far has the train travelled in total?

☐ km

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6 A school raises £2,400 at a fundraiser.

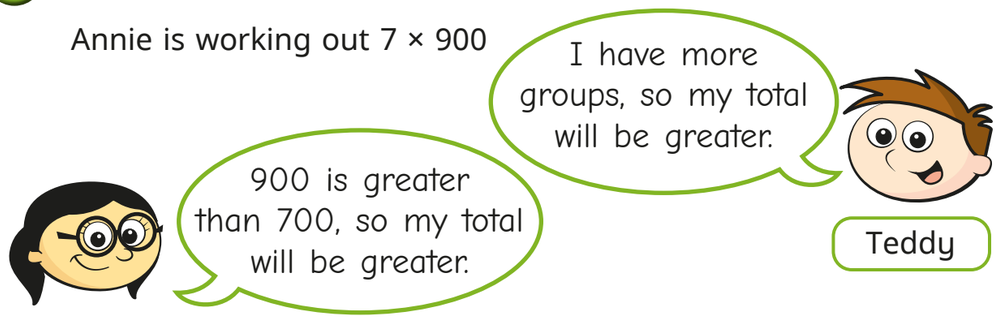
They decide to share the money equally between 3 charities.

How much money does each charity receive?

£ ☐

7 Teddy is working out 9 × 700

Annie is working out 7 × 900



Who do you agree with? _____

Explain your reasons.

_____

_____

8

9 × 3 = 27

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

_____

_____

9 Write <, > or = to compare the calculations.

a) 700 × 4 ◯ 7 × 40

b) 6 × 300 ◯ 600 × 3

c) 63 ÷ 7 ◯ 630 ÷ 7

d) 2,400 ÷ 4 ◯ 2,400 ÷ 6

e) 70 × 4 ◯ 7 × 400

f) 5 × 40 ◯ 200 ÷ 4

10 There are 3 machines making toys in a factory.

Each machine makes 400 toys in a day.

The toys are then packed into 6 containers.

How many toys will there be in each container?

☐

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