Related multiplication and division calculations

1 Share the cherries equally between the plates.

a)

$9 \div 3 =$ ☐

There are ☐ cherries on each plate.

b)

$90 \div 3 =$ ☐

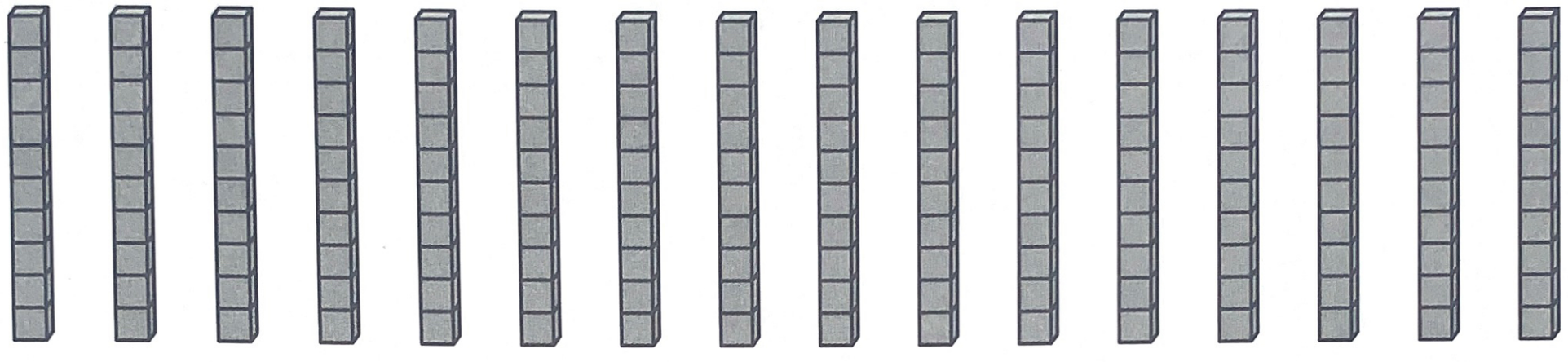
There are ☐ cherries on each plate.

2 Use the maths equipment to help you work out the calculations.

a)

16 ÷ 2 = ☐

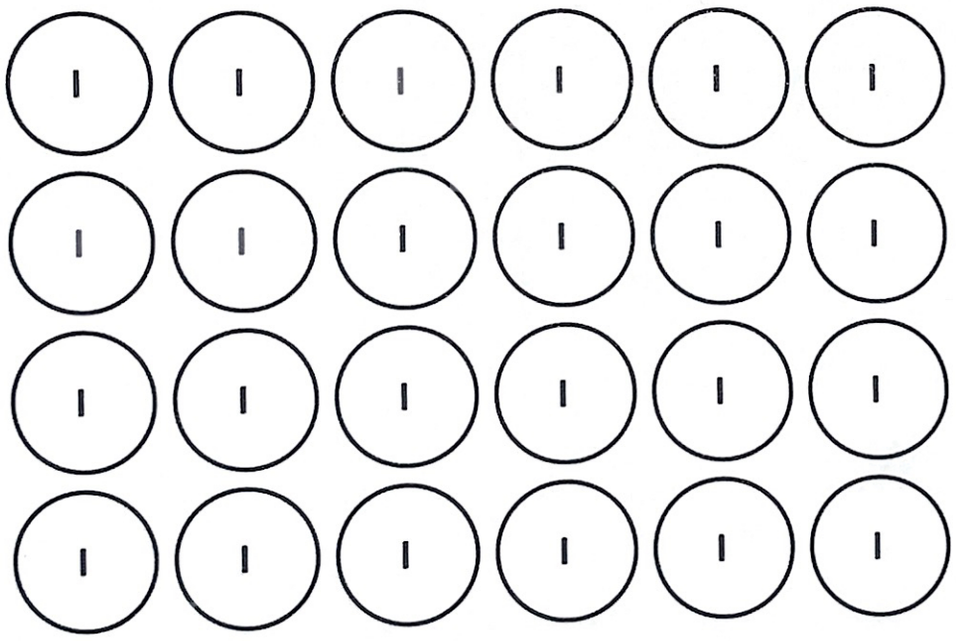
b)



160 ÷ 2 = ☐

3 What multiplication and division facts can you see?

a)



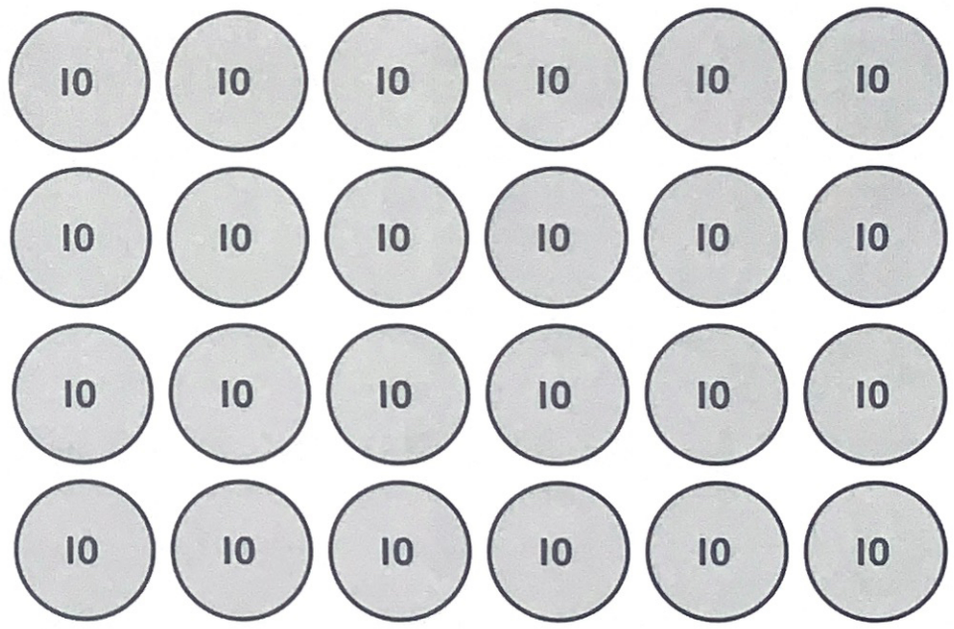
☐ × ☐ = ☐

☐ × ☐ = ☐

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

b)



☐ × ☐ = ☐

☐ × ☐ = ☐

☐ ÷ ☐ = ☐

☐ ÷ ☐ = ☐

4 Fill in numbers to make the sentences correct.

a) $24 \div 3 = \square$

$240 \div 3 = \square$

$36 \div 4 = \square$

$360 \div 4 = \square$

b) $280 \div 4 = \square$

$350 \div 5 = \square$

$700 \div 10 = \square$

$270 \div 3 = \square$

c) $8 \times \square = 160$

$320 \div \square = 40$

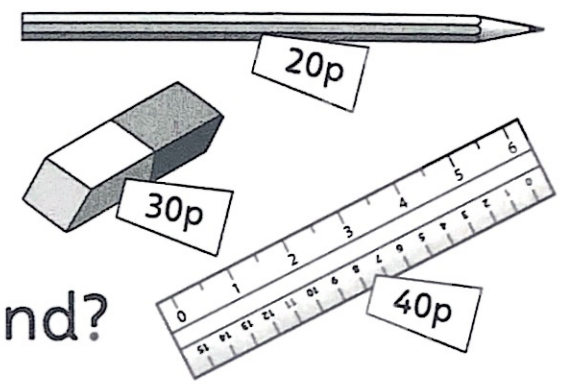
$\square \times 30 = 330$

$\square \div 4 = 50$

5 Jess spends 240 pence in a shop.

What could she have bought?

How many different answers can you find?



CHALLENGE

Reflect

I know $8 \times 3 = 24$, so I also know

How many related multiplications and divisions do you know?

How did you work them out?