LO To use multiplication and division for inverse.
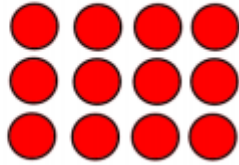
Use the array to complete the number sentences.

$3 \times 4 = \square$

$4 \times 3 = \square$

$\square \div 3 = \square$

$\square \div 4 = \square$

The number pieces represent $5 \times \underline{\quad} = \underline{\quad}$

If each hole is worth ten, what do the pieces represent?

What does 🙂 represent?

$2 \times 🙂 = 24$

$🙂 \times 2 = 24$

$24 \div 🙂 = 2$

$24 \div 2 = 🙂$

There are **56** legs.

How many spiders are there?

LO To use multiplication and division for inverse.

If we know 2 × 6 = 12, we also know 2 × 60 = 120
Use this to complete the fact family.

2 × 60 = 120	☐ × ☐ = ☐
☐ ÷ ☐ = ☐	☐ ÷ ☐ = ☐

Complete the fact families
for the calculations.
$$3 \times 30 = \boxed{}$$
$$\boxed{} = 4 \times 80$$
$$160 \div 2 = \boxed{}$$

How close can you get to 100?
Use each digit card once in the
multiplication.
Try lots of different ways.

2 3 4

☐☐ × ☐ =

The number pieces represent 5 × ___ = ____

If each hole is worth ten, what do the pieces represent?

Find the incorrect number in these sequences.

a) 4, 8, 12, 14, 20, 24, 28, 32.

b) 64, 56, 46, 40, 32, 24, 16, 8.

c) 6, 9, 12, 16, 18, 21, 24.

29.1.2021   Hot

LO To use multiplication and division for inverse.

Practise performing inverse operations by getting back to the first number. The first one has been done for you:

a 20 | ÷ 5 | = 4 | × 5 | = 20   b 35 | | = 5 | | = 35

c 64 | | = 8 | | = 64   d 72 | | = 8 | | = 72
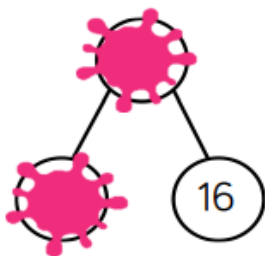
e 54 | | = 9 | | = 54   f 18 | | = 6 | | = 18

Amir partitioned a number to help him divide by 8

Some of his working out has been covered with paint.

What number could Amir have started with?

÷ 8

16

Compare the statements using <, > or =
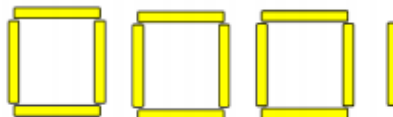
48 ÷ 4 ◯ 36 ÷ 3

52 ÷ 4 ◯ 42 ÷ 3

60 ÷ 3 ◯ 60 ÷ 4

How many squares can you make with 13 lollipop sticks?
There are ___ lollipop sticks.
There are ___ groups of 4
There is ___ lollipop stick remaining.
13 ÷ 4 = ___ remainder ___
Use this method to see how many triangles you can make with 38 lollipop sticks.

Tommy uses repeated subtraction to solve 31 ÷ 4

31 ÷ 4 = 7 r 3

Use Tommy's method to solve 38 divided by 3
Use your known number facts. 1 x 3, 5 x 3, 10 x 3