Challenge questions

1

If I know my 2 times-table, I can use this to help me divide by 2

Do you agree with Dora?

Talk about it with a partner.

2

Work out the divisions.

a) 6 ÷ 2

b) 10 ÷ 2

c) 14 ÷ 2

d) 0 ÷ 2

e) ☐ ÷ 2 = 5

f) ☐ ÷ 2 = 6

g) ☐ ÷ 2 = 9

h) ☐ ÷ 2 = 11

3

Annie buys 5 lollipops.

This costs her 50p.

How much do 2 lollipops cost?

4 Rosie has these number cards.

4	10	40

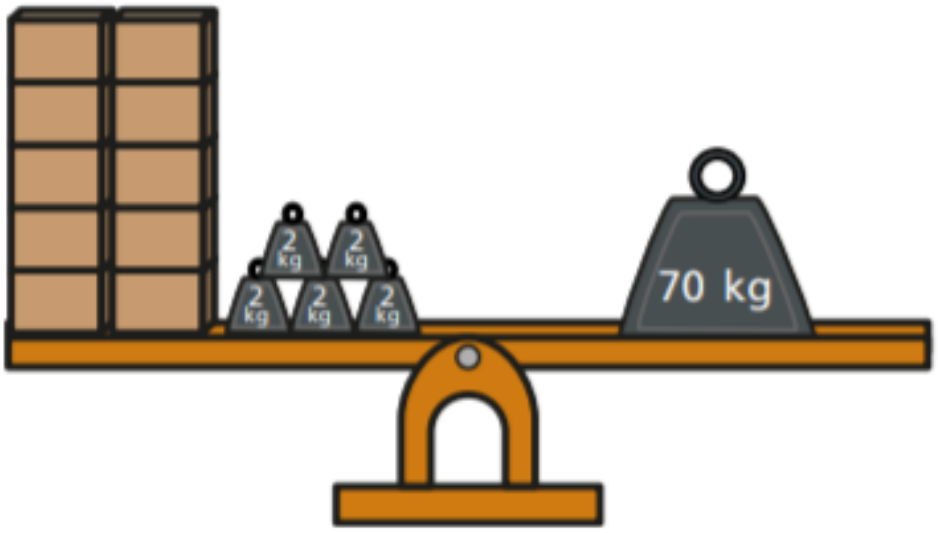
Complete the number sentences using only these numbers.

$\square \div \square = \square$

$\square \times \square = \square$

Are there any other ways to complete the sentences?

5 What is the mass of one of the boxes?



Challenge ANSWERS

1. Yes, I agree with Dora. Division and multiplication are inverse operations. If I know that 5 equal groups of 2 equals 10 then I also know that 10 shared equally between two groups must equal 5. Doing this is a good way to check if your answers are correct.

   5 x 2 = 10

   10 ÷ 2 = 5

2

Work out the divisions.

a) 6 ÷ 2 = 3 d) 0 ÷ 2 = 0 g) 18 ÷ 2 = 9

b) 10 ÷ 2 = 5 e) 10 ÷ 2 = 5 h) 22 ÷ 2 = 11

c) 14 ÷ 2= 7 f) 12 ÷ 2 = 6

3

Annie buys 5 lollipops.

This costs her 50p.

How much do 2 lollipops cost?

Each lollypop costs 10p so 2 lollypops must equal 20p

4 Rosie has these number cards.

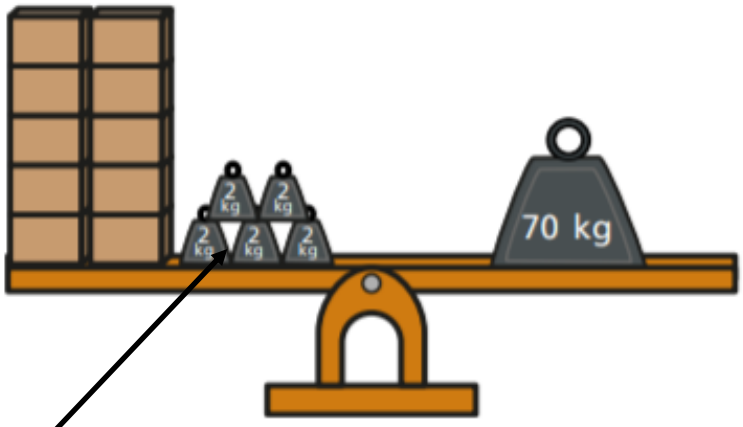
4	10	40

Complete the number sentences using only these numbers.

40	÷	10	=	4
4	×	10	=	40

Are there any other ways to complete the sentences?

5 What is the mass of one of the boxes? 6 kg



70kg—10kg = 60kg

60kg = 10 boxes

60kg ÷ 10 = 6kg