Divide by 2

White Rose MATHS

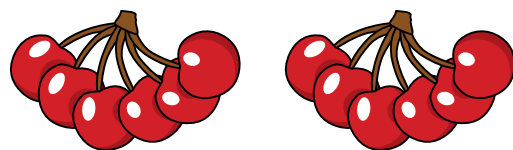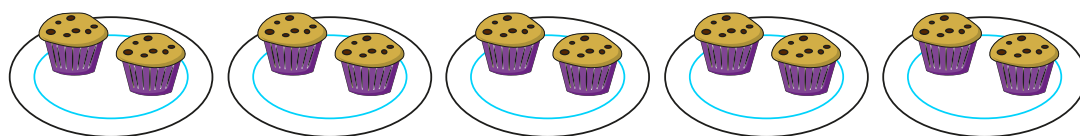**1** Complete the sentences.

a)

There are 12 cherries.

There are ☐ groups.

There are ☐ cherries in each group.

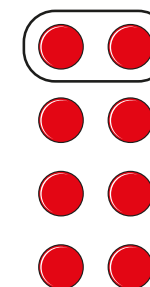$12 \div 2 =$ ☐ $2 \times$ ☐ $= 12$

b)

There are 10 muffins.

There are ☐ muffins in each group.

There are ☐ groups.

$10 \div 2 =$ ☐   ☐ $\times 2 = 10$
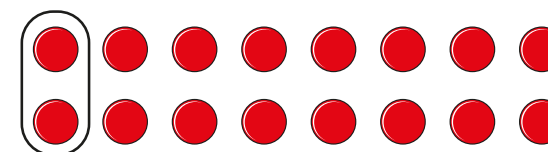
2 Complete the number sentences for each array.

a)

☐ $\times 2 = 8$

$8 \div 2 =$ ☐

b)

☐ $\times 2 = 16$

$16 \div 2 =$ ☐

3 There are 14 socks.

Ben puts them into pairs.

a) How many pairs of socks does he have?

☐

b) Complete the number sentence.

☐ $\div$ ☐ $=$ ☐

4 Use the number lines to complete the division sentences.

a) $12 \div 2 =$ ☐

0 1 2 3 4 5 6 7 8 9 10 11 12

b) $18 \div 2 =$ ☐
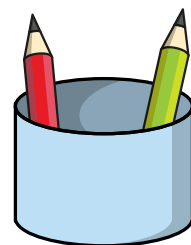
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
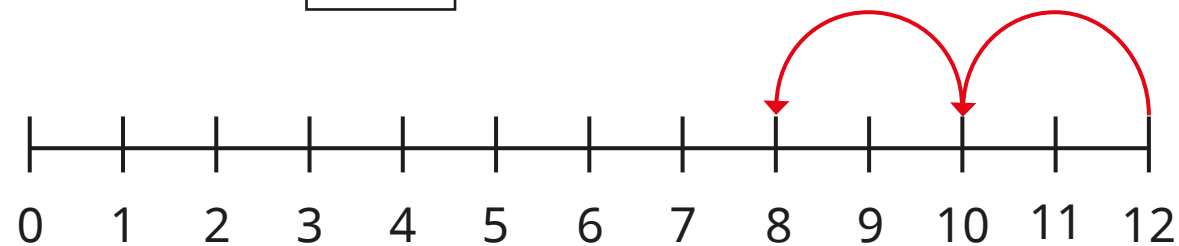
Is there another way to work this out?

5 Sam has 22 pencils.

She puts them into pots.
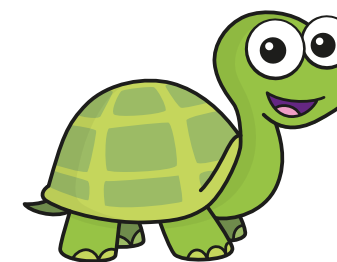
Each pot has 2 pencils.

How many pots does Sam need?

$22 \div 2 =$ ☐

Sam needs ☐ pots.

6

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

Do you agree with Tiny? _____

Talk about it with a partner.

7 Complete the divisions.

a) $6 \div 2 =$ ☐

b) $10 \div 2 =$ ☐

c) $14 \div 2 =$ ☐

d) $20 \div 2 =$ ☐

e) ☐ $\div 2 = 5$

f) ☐ $\div 2 = 6$

g) ☐ $\div 2 = 9$

h) ☐ $\div 2 = 11$

How did you work them out?

Talk about it with a partner.