Divide by 2
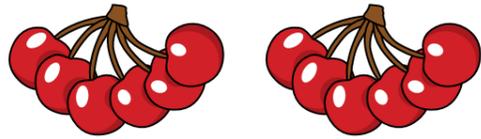
1 Complete the sentences.

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.
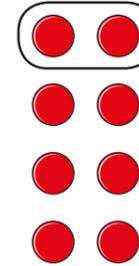
There are [ ] muffins in each group.

There are [ ] groups.

$10 \div 2 = $ [ ]   [ ] $\times 2 = 10$

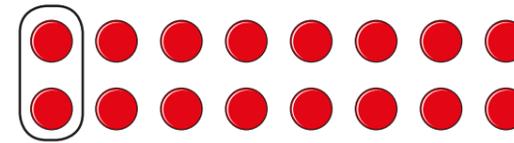**2** Complete the number sentences for each array.

a)

[ ] $\times 2 = 8$

$8 \div 2 = $ [ ]

b)

[ ] $\times 2 = 16$

$16 \div 2 = $ [ ]

3 There are 14 socks.

Amir puts them in 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) $12 \div 2 =$ ▢

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

b) $20 \div 2 =$ ▢

$$0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 11 \quad 12 \quad 13 \quad 14 \quad 15 \quad 16 \quad 17 \quad 18 \quad 19 \quad 20$$
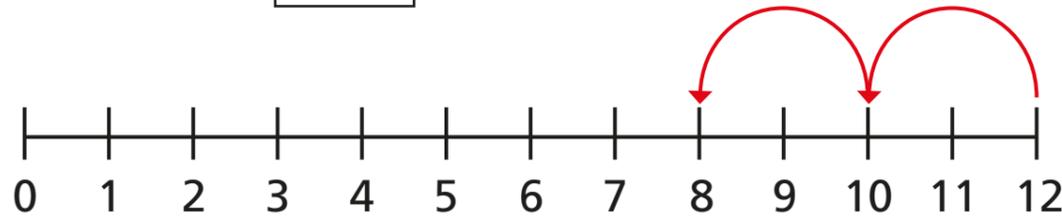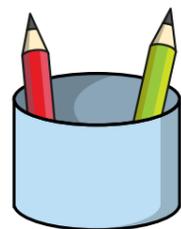
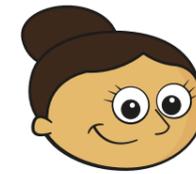Is there another way to work this out?

5 Alex has 22 pencils.

She puts them into pots.

Each pot has 2 pencils.

How many pots does Alex need?

$22 \div 2 =$ ▢

Alex needs ▢ pots.

6 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.

7 Complete the divisions.

a) $6 \div 2 =$ ▢

b) $10 \div 2 =$ ▢

c) $14 \div 2 =$ ▢

d) $0 \div 2 =$ ▢

e) ▢ $\div 2 = 5$

f) ▢ $\div 2 = 6$

g) ▢ $\div 2 = 9$

h) ▢ $\div 2 = 11$