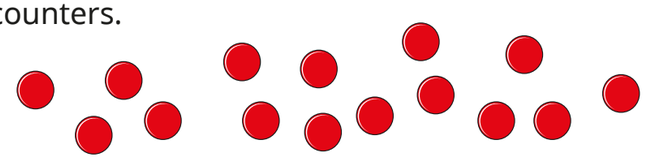
Sharing and grouping

1 Use 15 counters.



a) Share the counters equally into 5 groups.

Complete the sentences.

There are ☐ counters altogether.

There are ☐ groups.

There are ☐ counters in each group.

☐ ÷ ☐ = ☐

b) Put the counters into groups of 5

Complete the sentences.

There are ☐ counters altogether.

There are ☐ counters in each group.

There are ☐ groups.

☐ ÷ ☐ = ☐

What do you notice?

2 20 children are taking part in a sports day.

a) In the morning, the children are put into 5 equal teams.

Use counters to work out how many children are in each team.

Draw a picture of your counters.

Complete the division.

20 ÷ 5 = ☐

Is this a sharing or grouping question? _____

b) In the afternoon, the children are put into teams of 5

Use counters to work out how many teams there are.

Draw a picture of your counters.

Complete the division.

20 ÷ 5 = ☐

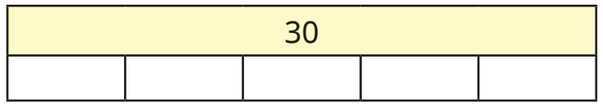
Is this a sharing or grouping question? _____

3 Use counters to show the division 14 ÷ 2 as both a sharing problem and a grouping problem.

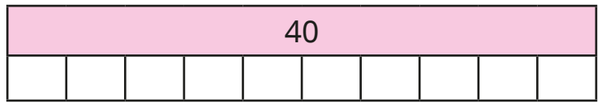
14 ÷ 2 = ☐

4 Use the bar models to work out the divisions.

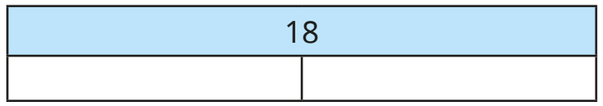
a) 30 ÷ 5 = ☐



b) 40 ÷ 10 = ☐



c) 18 ÷ 2 = ☐



5 A baker makes 60 doughnuts.

They are packed in boxes of 10

How many boxes does the baker need?

☐ ÷ ☐ = ☐

6 Dora has 16 stickers.

She shares the stickers equally with a friend.

How many stickers do they each get?

☐ ÷ ☐ = ☐

7 **a)** Write a sharing problem for the division 10 ÷ 5

b) What is the answer to the problem? ☐

8 **a)** Write a grouping problem for the division 50 ÷ 10

b) What is the answer to the problem? ☐

9 Use 20 counters.

How many different equal groups can they be put into?

Write a division sentence for each.

What do you notice?

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