

Add Equal Groups

Adult Guidance with Question Prompts



Children find totals by adding equal groups of two, five or ten (not exceeding a total of 50). They use pictures and practical equipment to support their investigations. In this activity, children use pictures to add groups of twos or fives. They practise saying stem sentences and recording calculations. Children then apply their knowledge of number patterns to extend the challenge.

How many pairs of socks can you see?

How many socks are in each pair?

Can you read the calculation?

What can you do to find the total?

How many socks would you have if you had one more pair?

How many bunches of balloons can you see?

How many balloons are in each bunch?

Can you complete the sentence?

What would the calculation look like?

How could you find the total if there was one more bunch?

Adult-led activity:

Can you make some equal groups using objects in the classroom?

What can you say to add them up?

'There are __ groups of __.' 'There are __ altogether.'

Add Equal Groups



There are pairs of socks.



How many socks altogether?

$$2 + 2 + 2 = \square$$

What if there was 1 more pair?

There are bunches of balloons.



How many balloons altogether?

$$\square + \square + \square + \square = \square$$

What if there was 1 more bunch?

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Children find totals by adding equal groups of two, five or ten (not exceeding a total of 50). They use pictures and practical equipment to support their investigations. Children record written calculations and say stem sentences to share their findings. Here, children use their knowledge of adding equal groups to answer a true or false question and choose the correct statement or calculation to match a picture.

How many groups are there?

How many cakes are there in each group?

There are two groups of four cakes. Is this true or false?

What is the total? Can you count in fives to add the groups?

Are there three groups of five? How many groups are there? How many are in each group?

Can you write the calculation? How many are in the first group? Which sign should we use?

Adult-led activity:

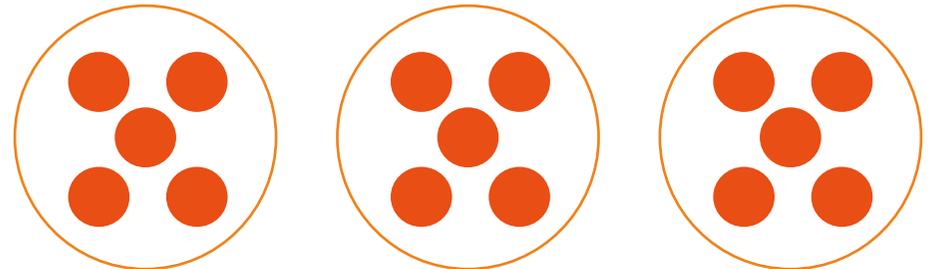
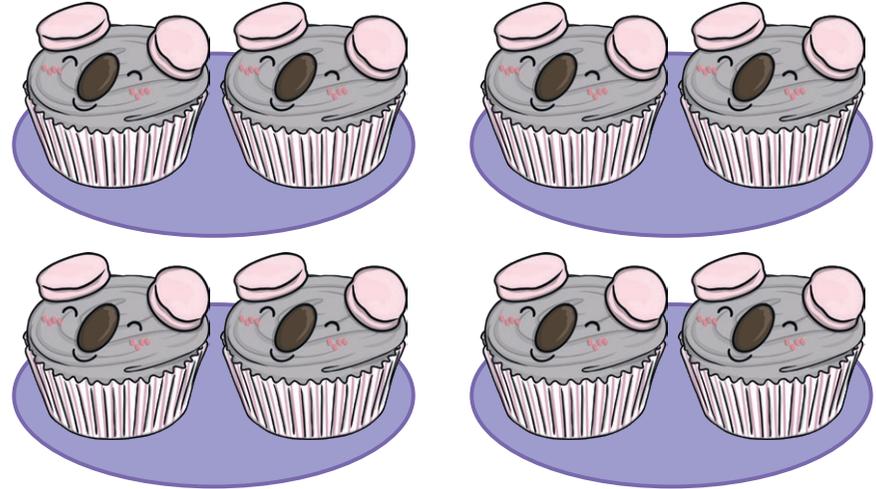
Make or draw three equal groups and write the calculation to match.

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There are 2 groups of 4 cakes.

True or false?



Tick the right one.

- The total is 20.
- There are 3 groups of 5.
- $3 + 3 + 3$

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Children find totals by adding equal groups of two, five or ten, not exceeding a total of 50. They make links with real-life examples. Pictures and practical equipment are used to support their investigations. Children use written calculations to make links with practical investigations. Here, children investigate different ways to reach the same total by counting in groups of ten, five and two. They also consider how many more groups they need to reach a total.

How many cups are in two groups of ten/four groups of five?

Is the statement true or false?

The groups of ten cups make 20 and the groups of five cups make 20. If you had groups of two cups, how many groups would you need to make 20?

How many plates can you see?

How many cakes are on each plate?

How many cakes are there altogether?

How many plates will make a total of 30 cakes?

How many more plates of cakes are needed?

Adult-led activity:

How many different ways can you find to make a total of 30 with equal groups of two, five or ten?

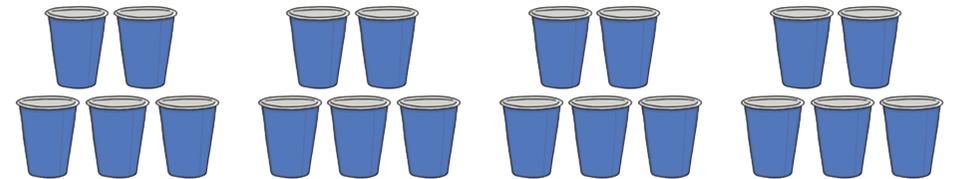
Insert question prompts questions here.

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True or false?

2 groups of 10 cups is more than 4 groups of 5 cups.



I need 30 cakes.

How many more plates do I need?

