Make Equal Groups – Grouping

Adult Guidance with Question Prompts

Children are provided with a quantity and use this to make equal groups. They use pictures and objects to support their learning. Formal division is not introduced yet.

Here, children are given a total and use counters to make two equal groups. They use stem sentences to represent their learning. Children then investigate more ways to arrange a total into equal groups.

What do the words 'equal' and 'unequal' mean?

How many children can you see?

Can they make two equal teams?

How many are in each team?

Can you show me with counters?

How many children are there altogether?

Can they make two equal teams?

How many are in each team?

Is there another way to put them in equal teams?

What can you do to find out?

Can you show me two groups of four? What is the total?

If you can make two groups of four, can you make four groups of_?

Make Equal Groups - Grouping

Use counters to make equal goups.

Can we make two equal teams?



There are 4 altogether.

They can make 2 equal teams of ____.



There are ____ altogether.

They can make 2 equal teams of ____.

Is there another way?

There are 2 equal groups of 4 children.

How many are there altogether? ____

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Make Equal Groups – Grouping

Adult Guidance with Question Prompts

Children are provided with a quantity and use this to make equal groups. They use pictures and objects to support their learning. Children also investigate quantities that can't be grouped equally. Formal division is not introduced yet.

Here, children use counters to see if two equal groups can be made with a given total. They explain their discoveries before investigating other possibilities. Children work out a total by checking the number of groups and the quantity in each one. They then investigate different ways to arrange a total into equal groups.

How many children can you see?

Can they make two equal groups?

What can you do to find out?

What did you discover?

Is there another way to put them into equal groups?

How many teams are there?

How much has each team got?

What can you do to find the total?

How many rings are there altogether?

How many different ways can you find to make equal groups? What can you do to make sure you have found them all?

Can you use stem sentences to describe them? Here are _ groups of _.

Make Equal Groups - Grouping

Use counters to make equal goups.

Can we make two equal groups?

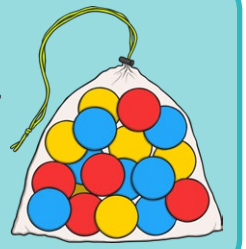


What did you find out?

Can we make any equal groups?

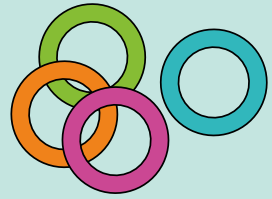
There are 2 teams.
Each team gets 5 balls from the bag.

How many balls do the 2 teams have in total?



There are 20 rings in total.

How many ways can they be put into equal groups?



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Children are provided with a quantity and use this to make equal groups. They use pictures and objects to support their learning. Children also investigate quantities that can't be grouped equally. Formal division is not introduced yet.

Here, children use counters to see if they have enough to make a set number of equal groups. They then consider how many groups of two or five can be made with a given total. Finally, they calculate a total by checking the number of groups and the quantity in each one.

Do you think it's possible to share 13 things into six groups of two? Can you explain your reasoning?

What can you do to prove it?

What information do you have?

How can you use this to find the number of groups?

Can you use what you have learnt here to solve the next challenge?

What clues can you spot?

What can you do to find the answer?

How can you check if it's correct?

Make Equal Groups - Grouping

We have 13 footballs.

We need 6 groups of 2.

Do we have enough?





There are 20 cones.

Each team needs 2 cones.

How many teams can play?

There are 20 cones.

Each team needs 5 cones.

How many teams can play?



How many beanbags are in the box?

There are less than 20.

They can make equal groups of 3 or 5.



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