Diving into Mastery – Diving

Adult Guidance with Question Prompts

Provide children with a selection of counters to physically sort. Alternatively, you could use other objects, such as fruit, bears or cubes. The objects should be able to be sorted in two ways, such as by size and colour.

Encourage children to sort the items before counting. Lining up the objects once sorted provides a representation similar to the bar model they will use later on.

How can you sort the objects?

Can you describe how you have grouped them?

Can you put the ones that are the same in a straight line?

How many groups have you made?

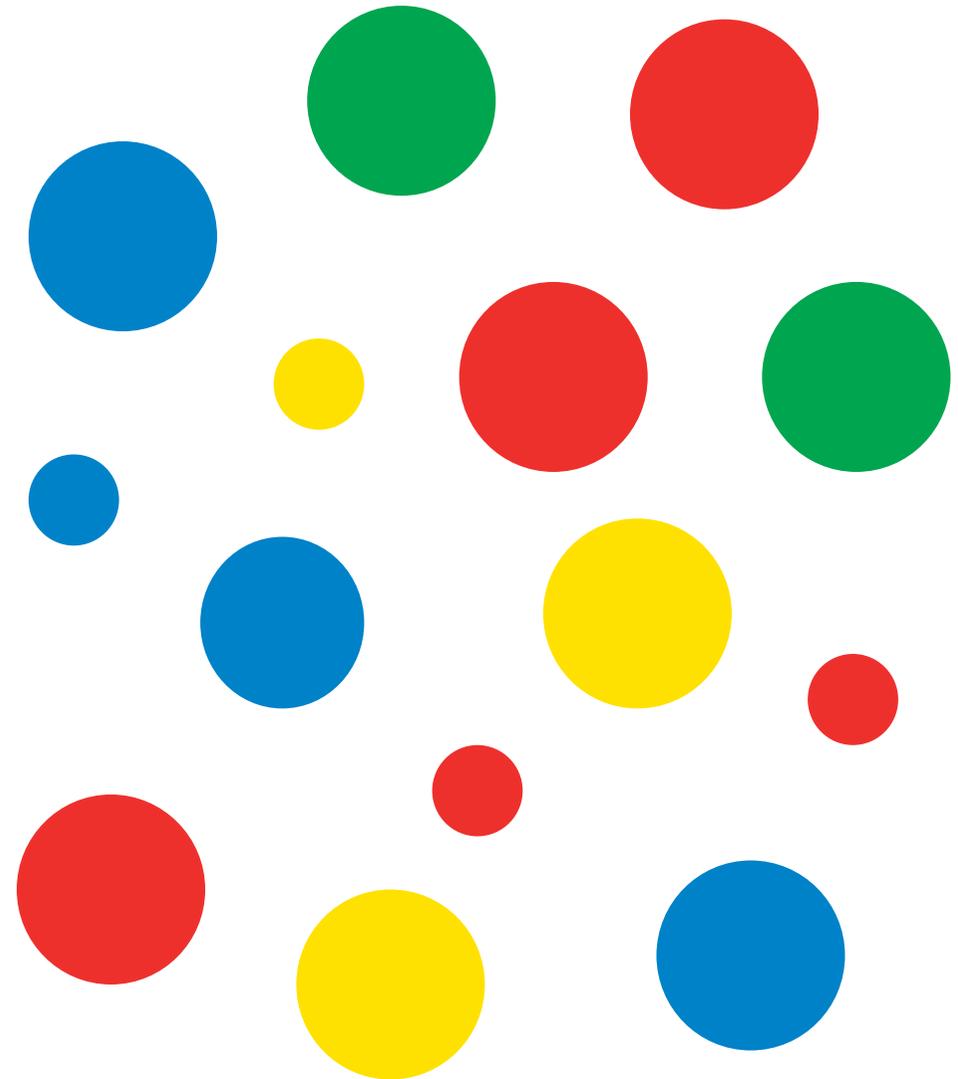Can you sort them in a different way?

Have you made the same number of groups?

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Sort Objects

Get Sorting!
Sort objects into groups by colour.

Can you sort the objects in a different way?

Diving into Mastery – Deeper

Adult Guidance with Question Prompts

Show children a selection of objects that are incorrectly sorted. They should be objects that can be sorted in two ways, such as by size and colour.

Are the objects sorted correctly?

Why not?

Can you change the groups so that they are correct?

What do you notice about the objects?
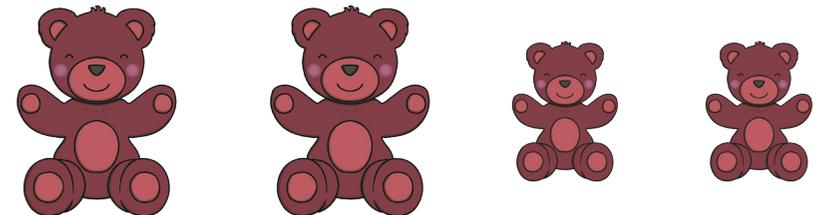
How are they different?

Can you think of a different way to sort them apart from by colour? Show me.

Sort Objects

Get Sorting!
Have these objects been sorted correctly?

Can you think of another
way of sorting these objects?

Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Can children sort these shapes? Although this is a sorting activity, it is important to be accurate when naming these shapes.

What shapes can you see?

How are they the same?

How are they different?

Can you think of a way of sorting them?

How many groups have you made?

Will there always be that many groups?

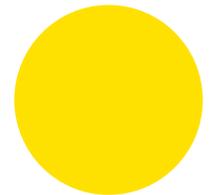Can you find a different way?
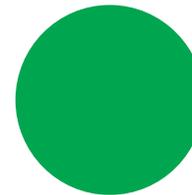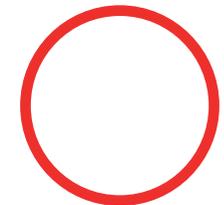
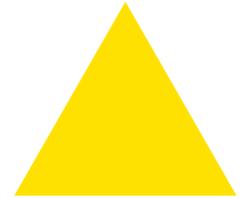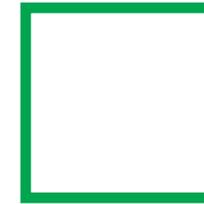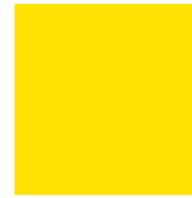Can you describe how you have sorted them?

How many different ways have you found?

Sort Objects

Get Sorting!
Find ways to sort these shapes.

How many different ways can you find?

Does each way make the same number of groups?