

Investigate equal groups (1+ children)



Equipment needed

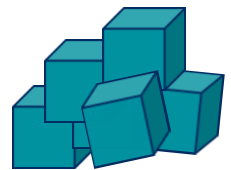
- Cubes or other counting objects
- Sentence stems

Instructions

1. Take 10 cubes.

How many ways can you find to put them into equal groups?

There are ___ equal groups of ___



2. Now take 12 cubes.

How many ways can you find to put them into equal groups?

There are ___ equal groups of ___

What do you notice? What do you wonder?

Let's investigate further...

- Does more cubes always mean more ways to make equal groups?
- Is it possible to make equal groups using 7 cubes? What about 9 cubes?
- Which numbers will make equal groups of 2? Which numbers have 1 left over?

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Printable sentence stems

There are ___ equal groups of ___

There are ___ equal groups of ___

There are ___ equal groups of ___