

### To be able to sort objects

**MathShed**

**Starter:**  
How many ways can you sort the cubes below into groups?

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**Activity 1:**  
The bank are trying to sort out some of their coins.  
Decide with your partner how the coins should be grouped.

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**Activity 2:**  
How many ways can you sort the hands into groups?

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**Activity 3:**  
Do you agree with Astrobee?  
Why? Why not?

The only way to sort these shapes is into groups of reds and yellows.

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**Activity 4:**  
How have the objects been grouped?  
How else might they have been grouped?

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**Evaluation:**  
How many different ways can the objects below be grouped?