

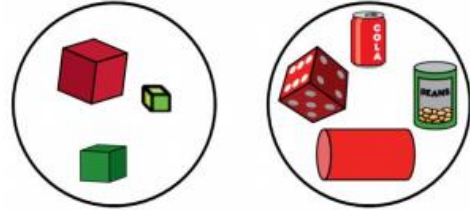
Reasoning and Problem solving

1. The bottom of a 3-D shape is hidden.



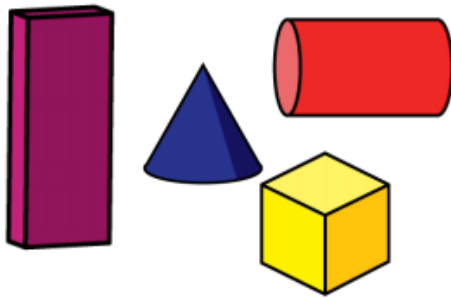
What shape could it be?  
Explain how you know.

2. Some 3-D shapes have been sorted.



Have the shapes been sorted correctly?  
Explain how you know.  
How else could the shapes be sorted?

3. How many ways can you sort the shapes into groups?



4. Here is part of a shape.



How many different ways can you complete the shape using one or more straight lines?

Compare your shape with a partner.

What is the same and what is different?

Challenge: 