

## Reasoning about 3D shapes

w/c 27.4.20

I am thinking of a 3D shape. It has more than 5 faces. What could it be? Is there more than one possibility?

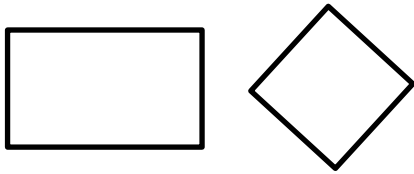
I need some 3D shapes for building a go-kart. What shapes should I use and why?

I need to build a tall tower. What 3D shape should I put at the bottom? Why?

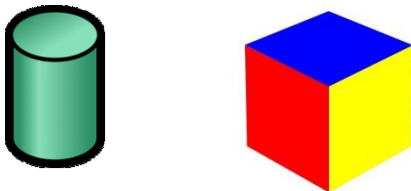
My mystery 2D shape can be used in a picture where I need something to point up to the sky? Which shape could I use? Why?

I need to draw three **2D-shapes** in a pattern. I need to count the sides of all of my shapes and make sure the total is an odd number. What 3 shapes could I use?

What is the difference between these shapes?



What is the difference between these shapes?



Which 3D shapes are the most similar? Why?