Cutting a Cube

Level A

A cube is a very interesting object. So we are going to examine it.

Without holding a cube, try to picture it in your mind. How many sides (faces) does a cube have?

How many corners (vertices) does a cube have?

How many lines (edges) does a cube have?

What can we say about the size of the sides (faces) and the lines (edges)?

When you have made your guess (conjecture), then hold a cube and check (verify) your answers to the questions listed above.

How might you be able to remember the parts (attributes) of a cube?

Explain.