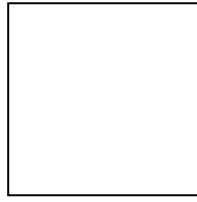
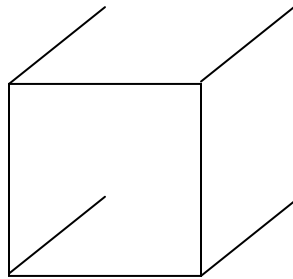


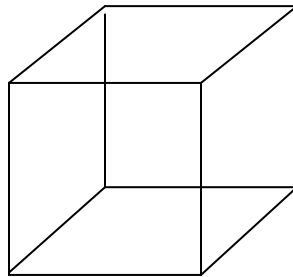
The Shape of a Cube



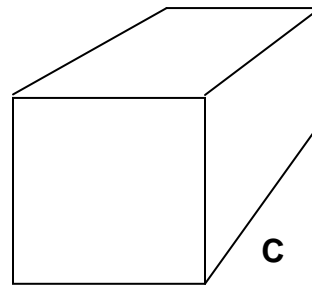
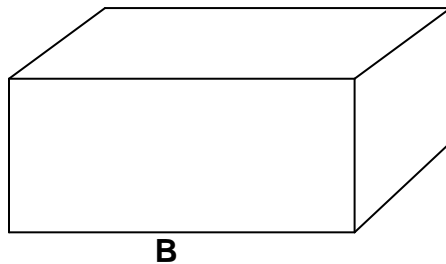
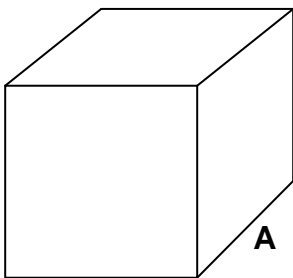
Begin with a square.



Draw diagonal lines from each top and bottom corner.
Be sure these diagonal lines are the same length and angle.



Draw a horizontal line to connect the top diagonal lines. This line creates a FORESHORTENED square, which forms the top of your cube. Draw another horizontal line to connect the two diagonal lines on the bottom. Draw vertical lines to connect the diagonal lines at the top and bottom.

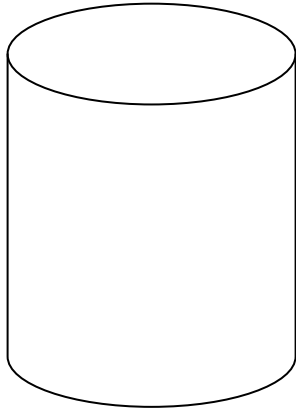


- A. To finish the cube, you will want to erase some of your lines.
- B. Notice the way you can create rectangle cubes by lengthening the horizontal lines.
- C. Lengthening the diagonal lines also creates a rectangle cube. Shortening the vertical line on the far right creates an illusion of greater depth too.

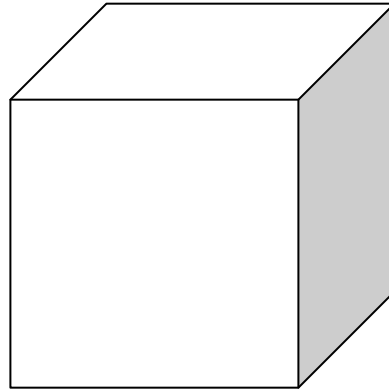
Drawing a two-dimensional cube SHAPE
creates the *illusion* of a three-dimensional cube FORM.

Two-dimensional SHAPE

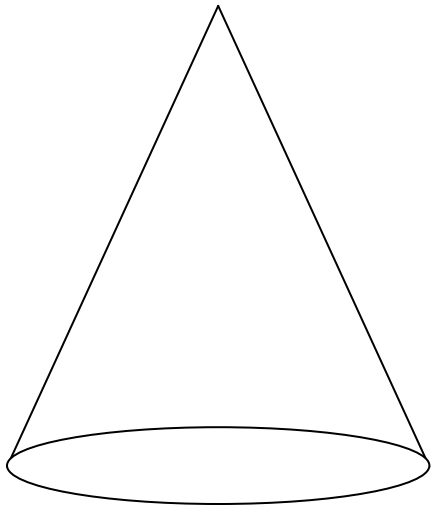
SHAPES like these give the illusion of three-dimensional FORM.



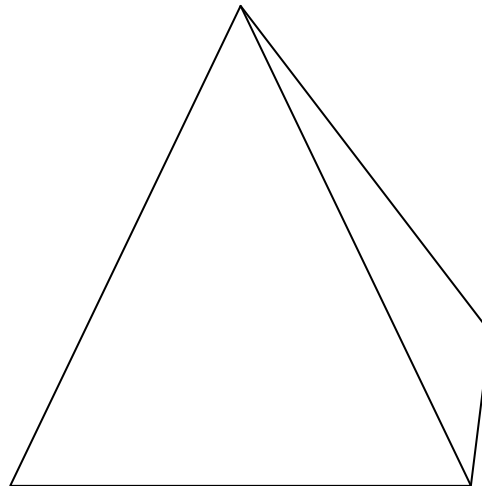
Cylinder



Cube



Cone



Pyramid