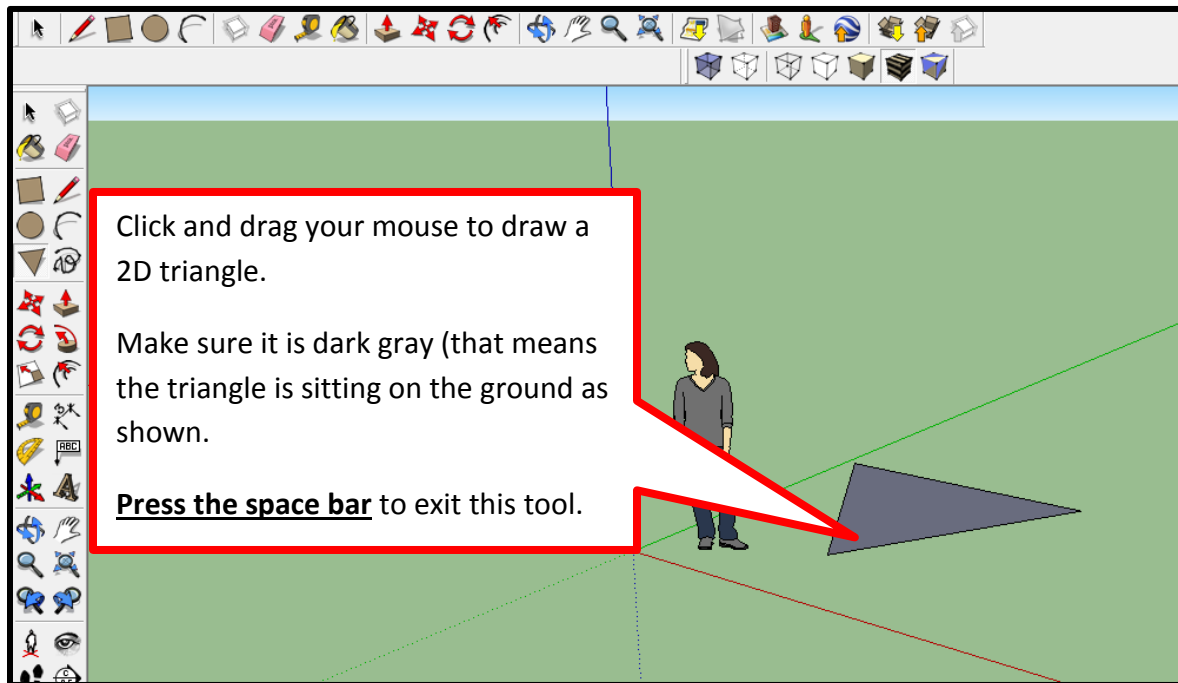# Create a Triangular Pyramid

Click on the polygon tool.

Wait! Don't click on the screen yet!

This isn't a triangle, you have tell it how many sides you want this polygon to be.

First type 3S

Now it will says Sides: 3.

Notice now the blue shape outline has 3 sides.

Click and drag your mouse to draw a 2D triangle.

Make sure it is dark gray (that means the triangle is sitting on the ground as shown.

Press the space bar to exit this tool.

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Click on the pencil tool.

Click on the top vertex of the triangle, and drag to the midpoint of the bottom.

It will look like this.

Press the spacebar to exit pencil tool.
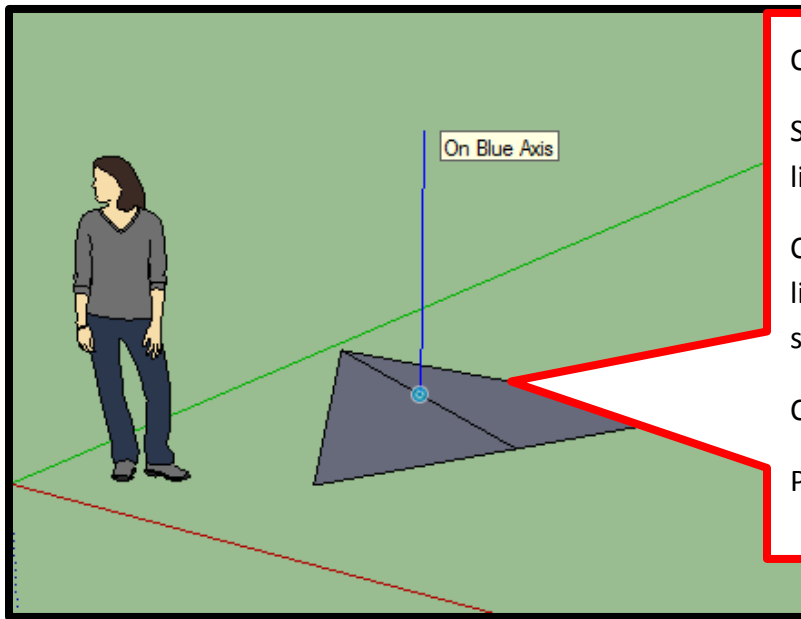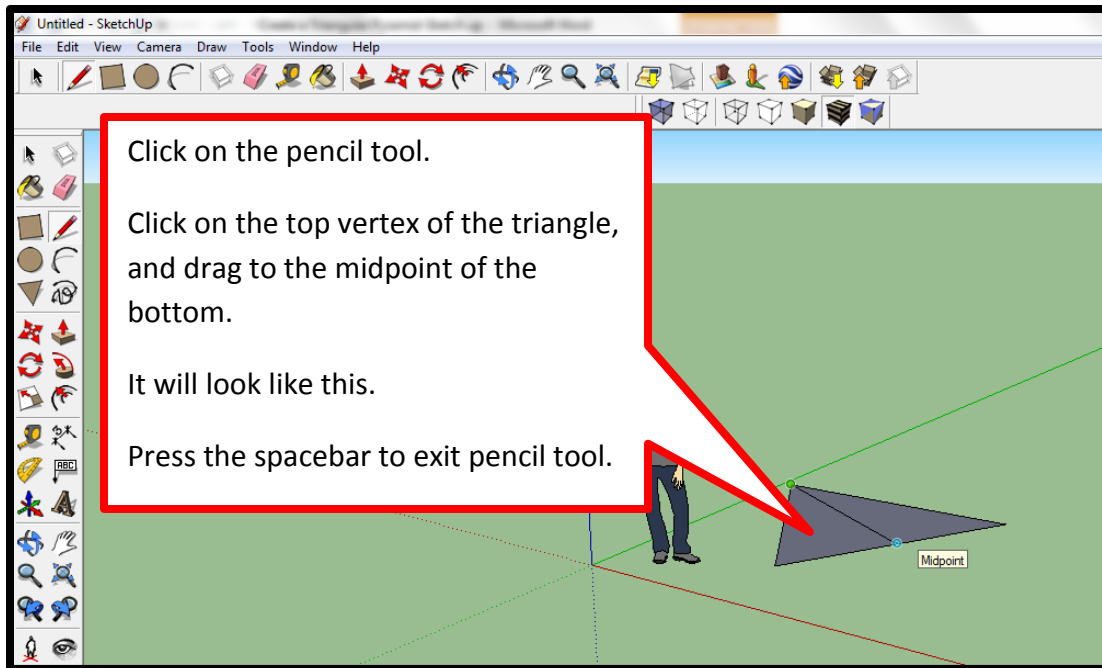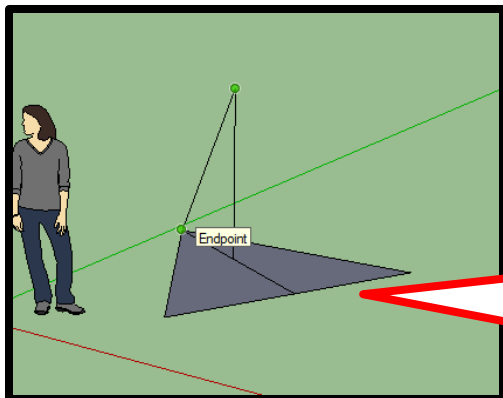

Click on the pencil tool again.

Slide your mouse up and down this new line until you see the blue midpoint.

Click on the midpoint circle and drag your line up so that it is on the blue axis as shown.

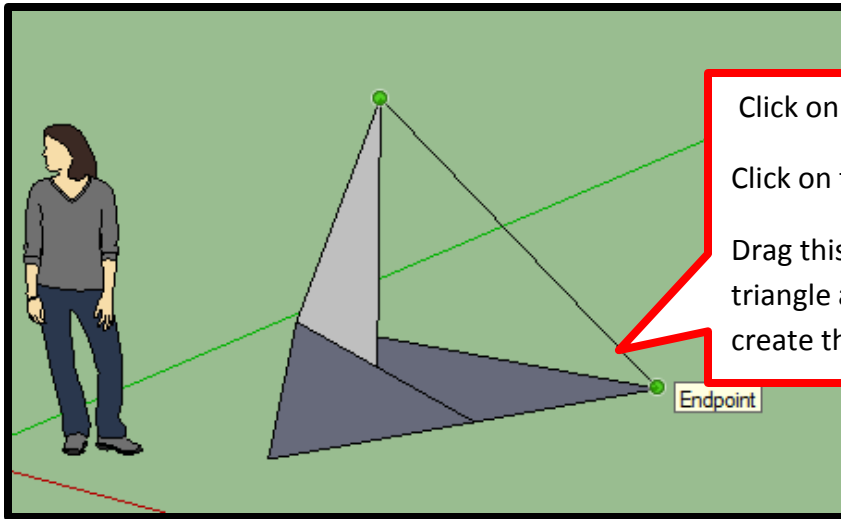Click again to end your line.

Press the spacebar to exit the pencil tool.

Click on the pencil tool again.

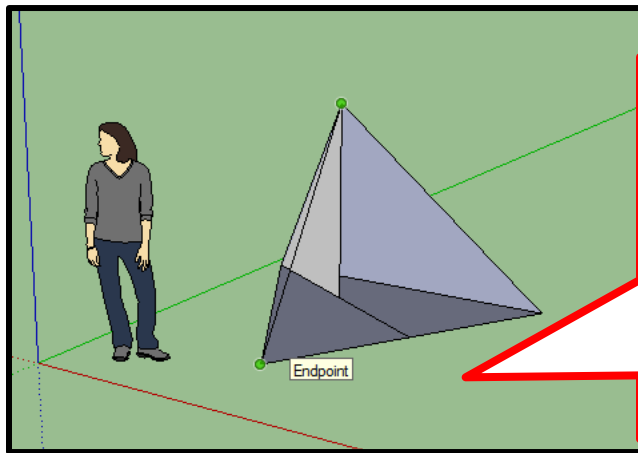Click on the top of the line (endpoint.)

Drag the line to top vertex of flat 2D triangle and click when you see the green endpoint to set the line.

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Click on the pencil tool again.

Click on the top of the line (endpoint)again.

Drag this line to right vertex of the flat 2D triangle and click when you see endpoint to create the 2nd line.
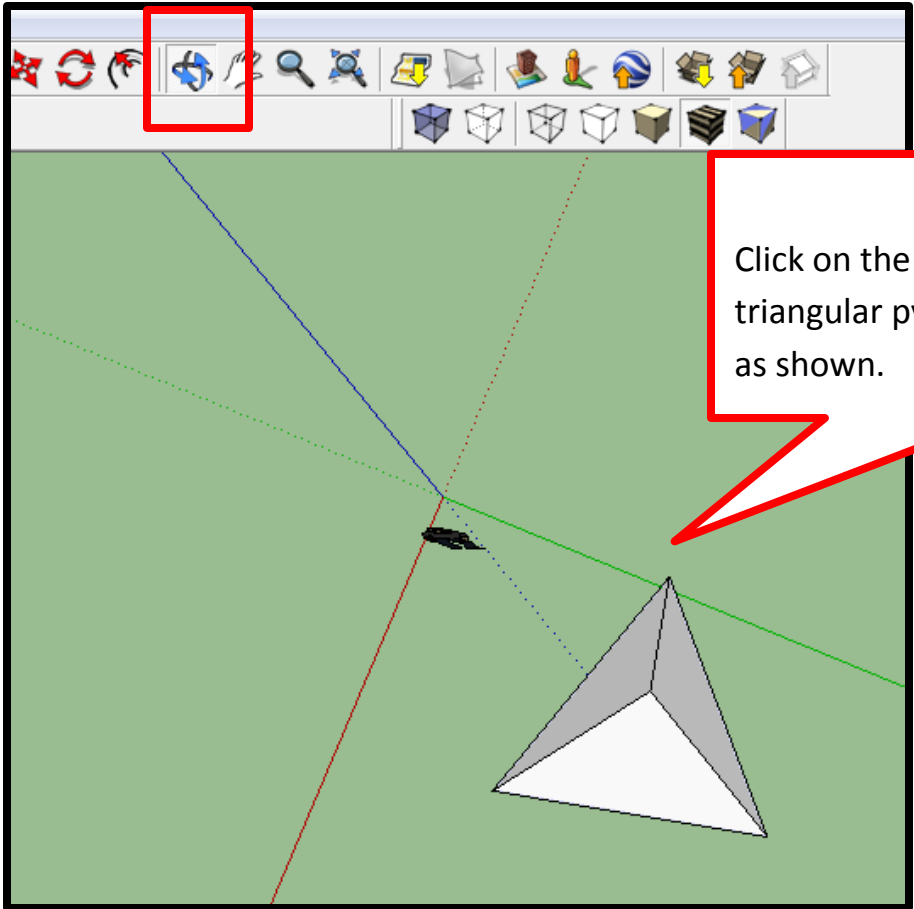
Endpoint

You should still have the pencil tool.

Click on the top of the line (endpoint) one last time.

Drag this line to left vertex of the flat 2D triangle and click when you see endpoint to create the 3rd line. Something magical will happen!

Endpoint
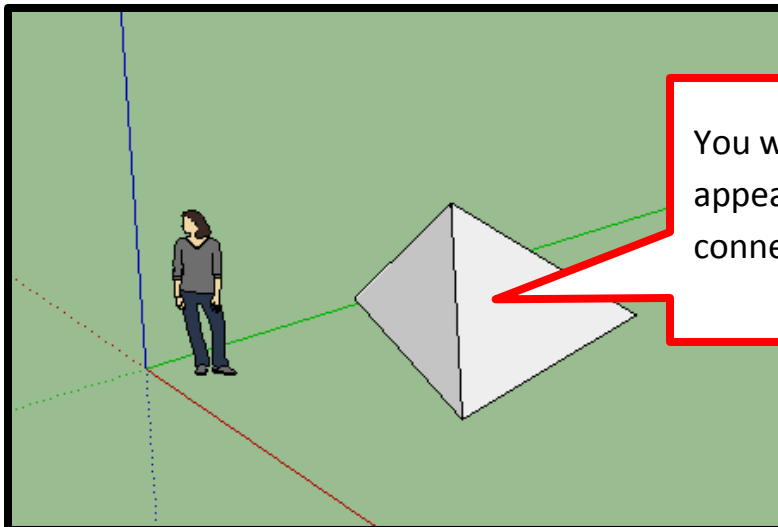
You will now see your triangular pyramid appear because all the sides are now connected.

Click on the orbit tool and rotate the triangular pyramid so you can see the top as shown.