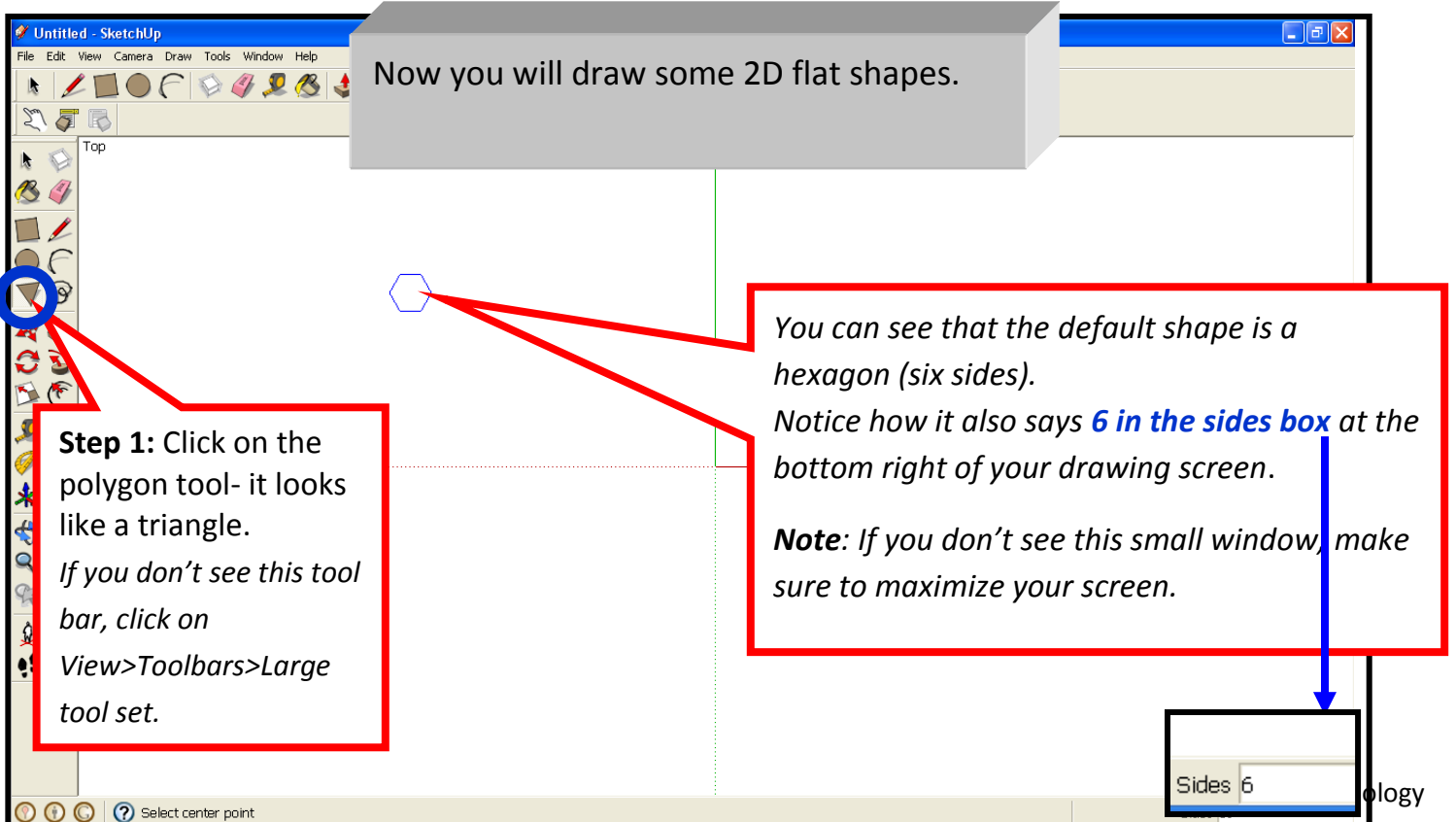
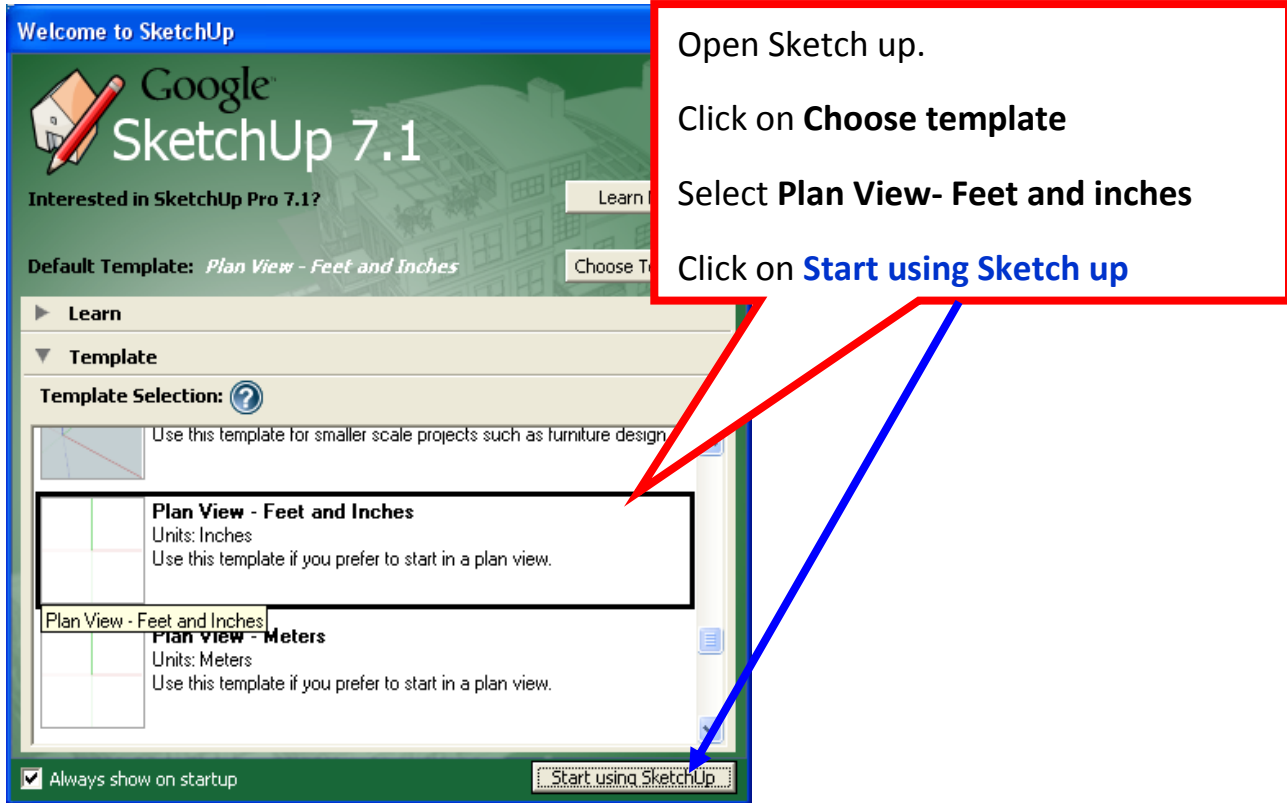


## Draw and Identify Attributes of Two Dimensional Shapes

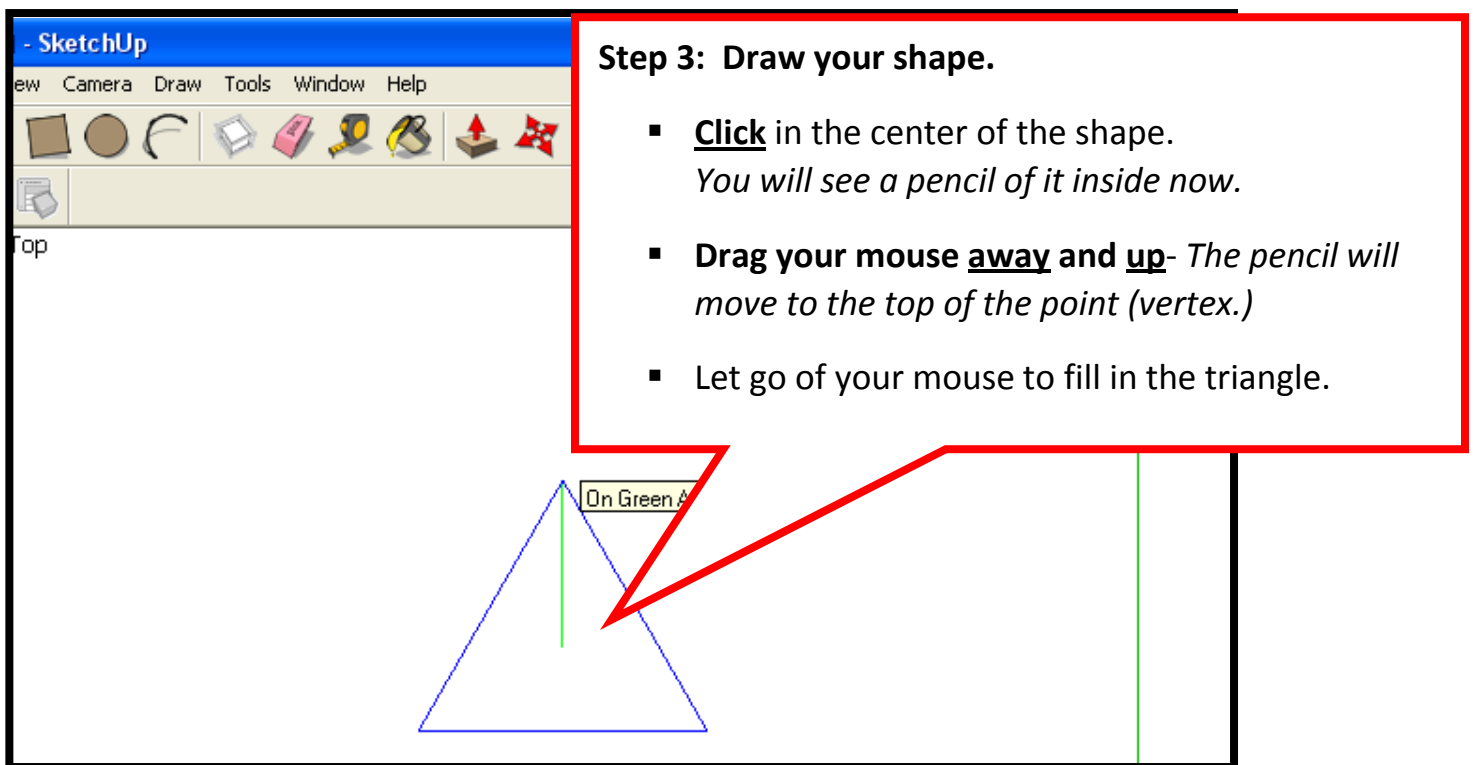
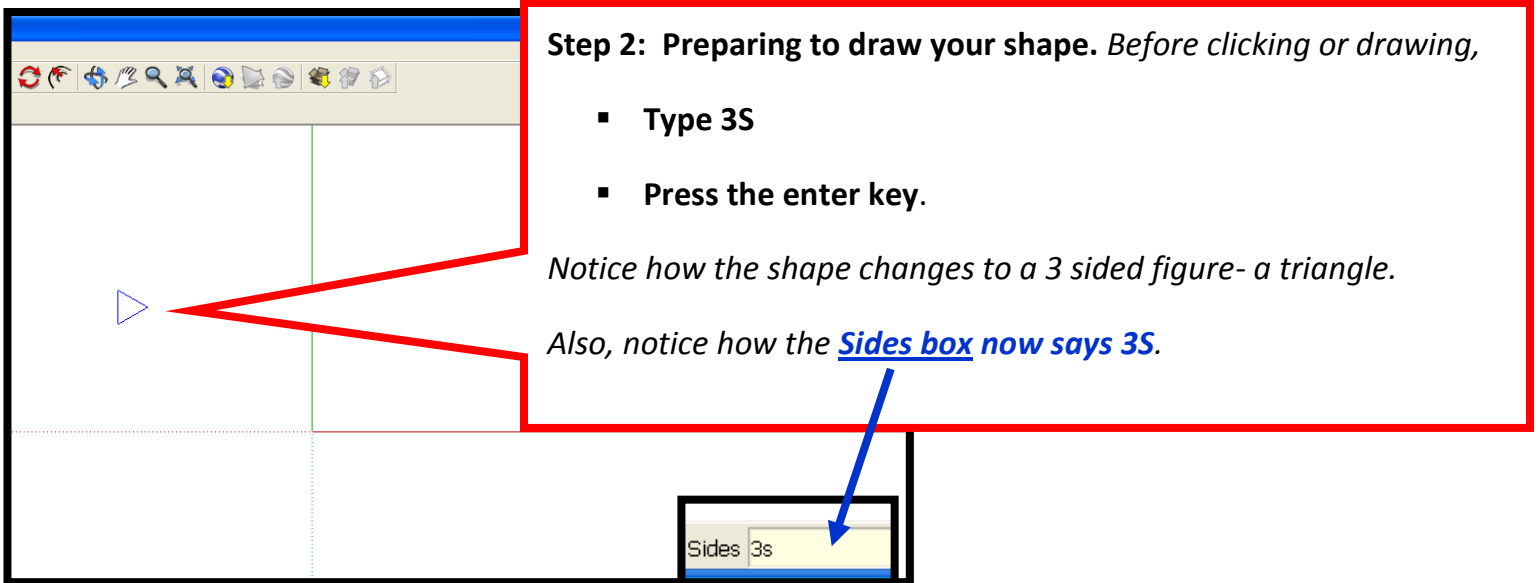
2.7A Describe attributes (the number of vertices, faces, edges, sides) of two- and three-dimensional geometric figures such as circles, polygons, spheres, cones, cylinders, prisms, and pyramids, etc.;

3<sup>rd</sup> grade Use for Review before drawing congruent 2D figures. 3.9A- Identify congruent two-dimensional figures;



## How to change the number of sides:

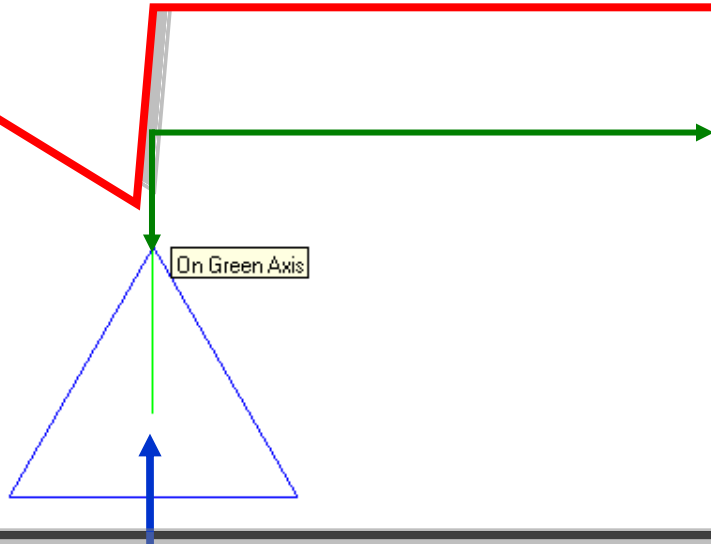
**Important:** To change sides- **first take your hands OFF of the mouse-** and do **NOT** click in the Sides box. You will just type and press the enter key- it will replace the 6 automatically.



**Enrichment Note for Students:** Before they let go of the mouse they may have noticed...

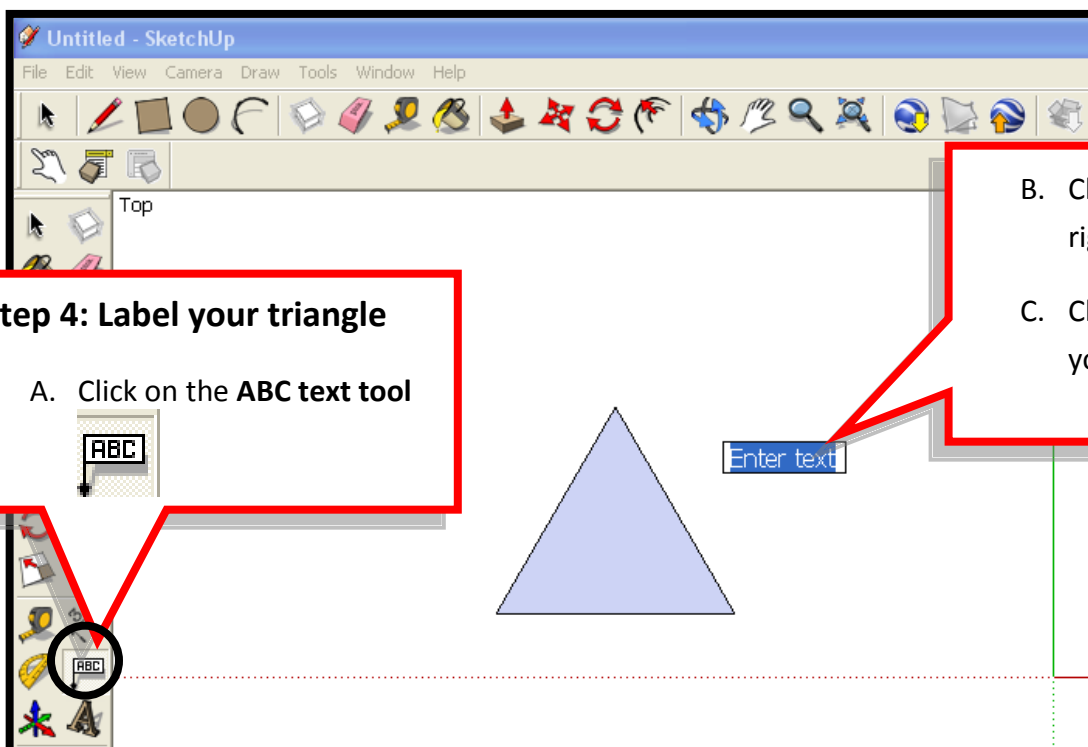
**Point out to students:**

*The green line means it is drawing the center of the triangle parallel with the **green axis line** on the right. Parallel means these two lines will never meet or intersect.*



Also notice how the triangle has a vertical line of symmetry because the left and right sides are exactly the same.

Once you let go of the mouse your triangle will be filled in like shown below.



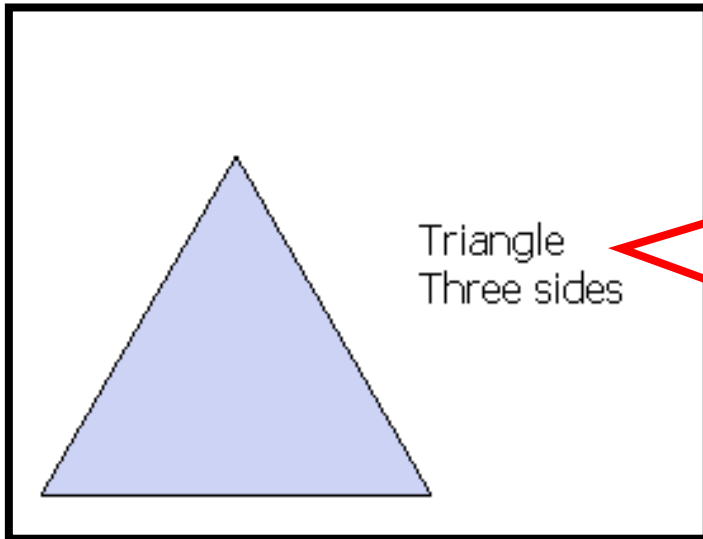
#### Step 4: Label your triangle

A. Click on the **ABC text tool**



- B. Click in the white space right next to your triangle.
- C. Click inside and it will give you a text box.

Enter text



- Type Triangle
- Press the Enter Key.
- Type Three sides.
- Click outside the triangle.

**Now follow Steps 1- 4 to draw and label the attributes of the follow shapes:**

- Square: Four (4) equal sides
- Rectangle: Four (4) sides
- Pentagon: Five (5) sides
- Hexagon: Six (6) sides
- Octagon: Eight (8) sides

Two Dimensional shape attributes	
<p>Triangle Three sides</p>	<p>Square Four equal sides</p> <p>Rectangle Four sides</p>
<p>Pentagon Five sides</p> <p>Hexagon Six sides</p>	<p>Octagon Eight sides</p>