Right Triangles
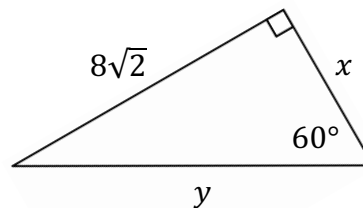**Special Right Triangles: $30° - 60° - 90°$**
Independent Practice

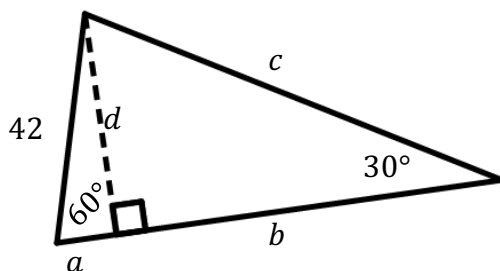1. Determine the value of the missing sides for the following triangle.
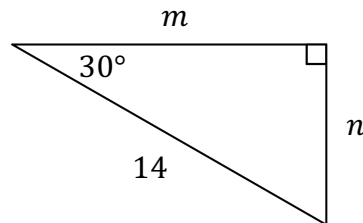
2. Determine the value of the missing sides for the following triangle.

3. The length of the side opposite the 30° angle of a $30 - 60 - 90$ is $323 \, ft$. Determine the lengths of the other two sides.
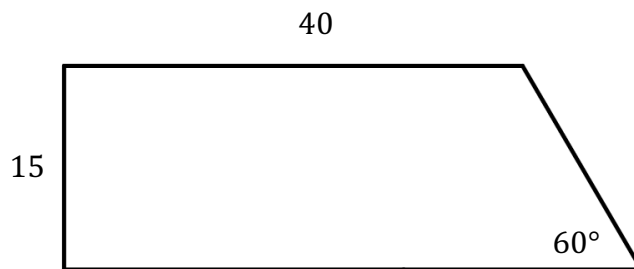
4. Determine the value of each variable in the figure below. Keep answers in simplest radical form.

5. An equilateral triangle has a height of 52 cm. Determine the length of each side to the nearest hundredth of a centimeter.

6. Consider the following figure.

Part A: Determine the perimeter of the figure above.

Part B: Determine the area of the figure above.