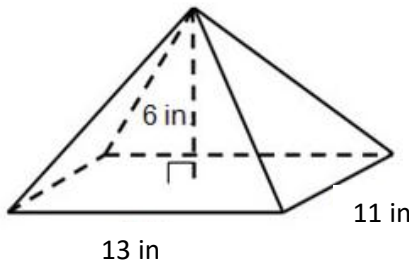


Topic 23: Volume

Assessment Level 1 2 3 4

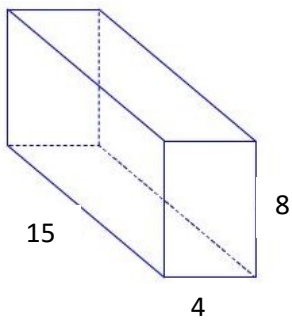
1. Find the volume of the figure.



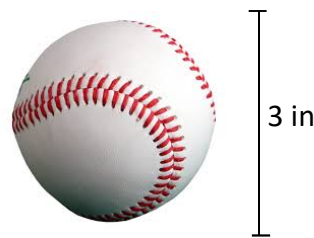
2. What is the volume of the cake?



3. Find the volume of the figure.



4. What is the volume of the baseball?

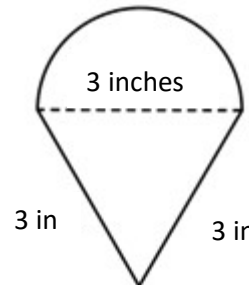


Topic 22: Areas of circles, regular polygons, and composite figures

Assessment Level 1 2 3 4

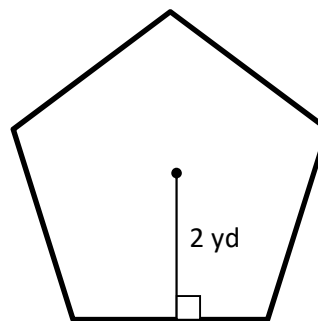
1. Find the area of a circle that has a circumference of 60 inches.

2. Find the area of the figure.

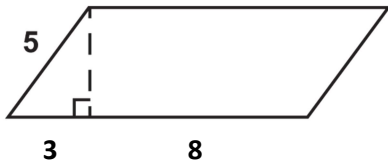


3. Find the area of a circle that has a diameter of 20 ft.

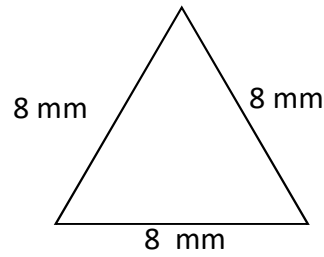
4. Find the area of the regular polygon.



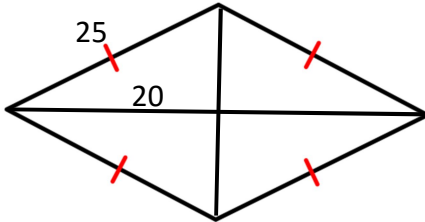
1. Find the area of the parallelogram. Round to the nearest tenth if necessary.



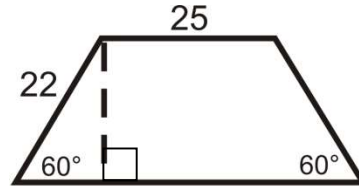
2. Find the area of the triangle. Round to the nearest tenth if necessary.



3. Find the area of the shape. Round to the nearest tenth if necessary.

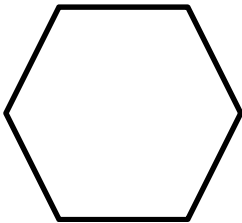


4. Find the area of the trapezoid. Round to the nearest tenth if necessary.

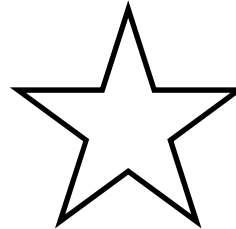


Topic 20: Symmetry and Dilations

1. Draw in the lines of symmetry for the image.



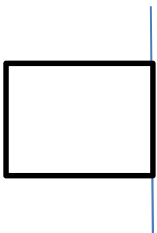
2. What is the order and magnitude for the rotational symmetry of the figure?



Order: _____

Magnitude: _____

3. Sketch the three dimensional image that is created when this shape is rotated around the axis.



4. Show a dilation of scale factor 3 with the center of the dilation at the origin for the polygon.

