

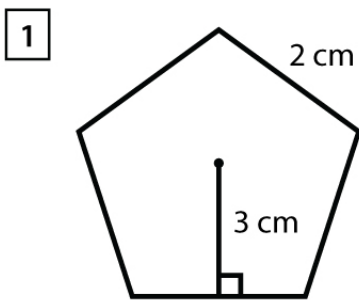
Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

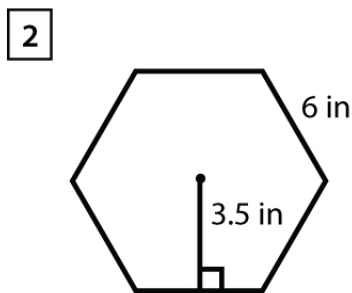
**Area of Regular Polygons Worksheet**

Find the area of the given regular polygons.

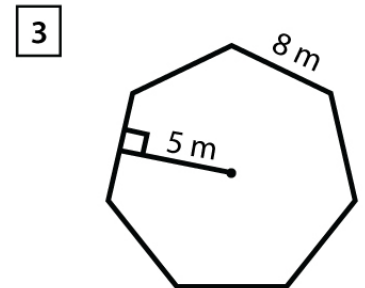
Use the formula. Area =  $\frac{1}{2}$  x (apothem x perimeter)



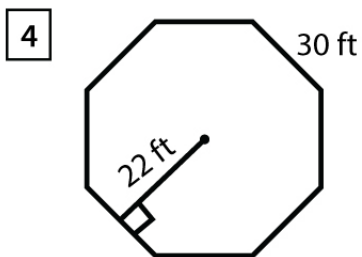
Area = \_\_\_\_\_



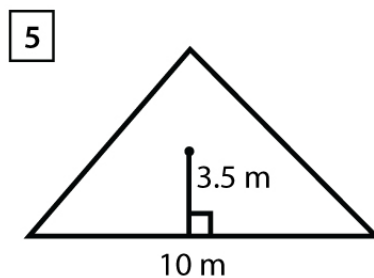
Area = \_\_\_\_\_



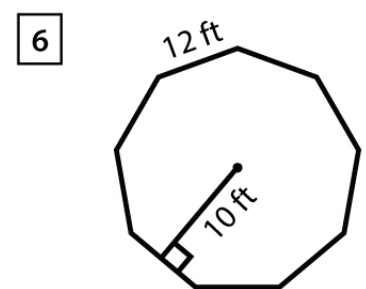
Area = \_\_\_\_\_



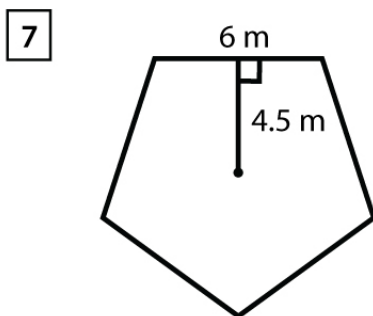
Area = \_\_\_\_\_



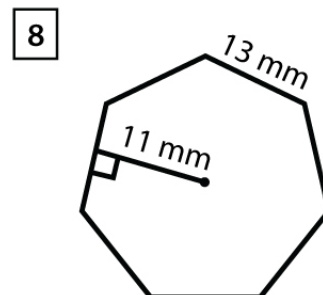
Area = \_\_\_\_\_



Area = \_\_\_\_\_



Area = \_\_\_\_\_



Area = \_\_\_\_\_

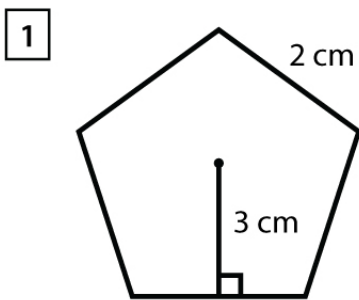
Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

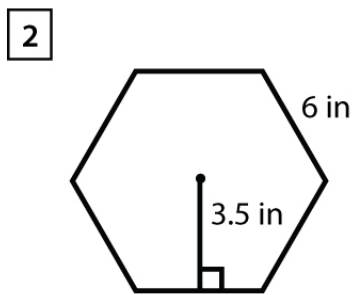
**Area of Regular Polygons Worksheet**

Answers

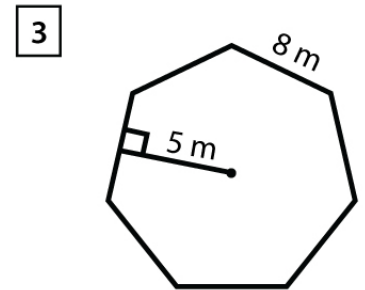
Use the formula. Area =  $\frac{1}{2}$  x (apothem x perimeter)



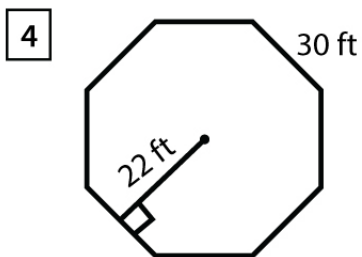
Area = 15 cm<sup>2</sup>



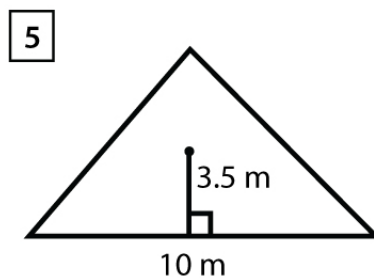
Area = 63 in<sup>2</sup>



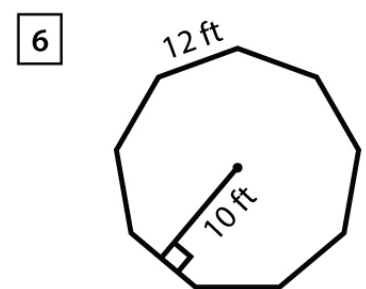
Area = 98 m<sup>2</sup>



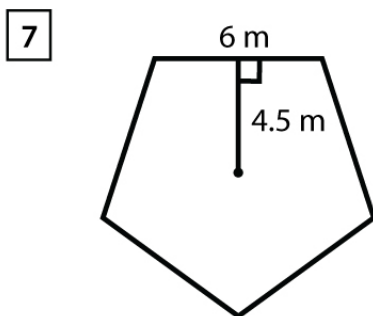
Area = 2,640 ft<sup>2</sup>



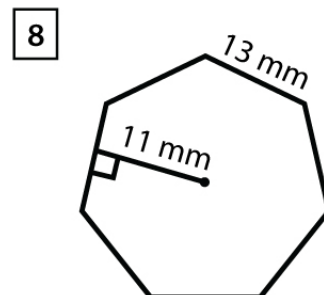
Area = 17.5 m<sup>2</sup>



Area = 540 ft<sup>2</sup>



Area = 67.5 m<sup>2</sup>



Area = 500.5 mm<sup>2</sup>