

Name: _____

Hour: _____

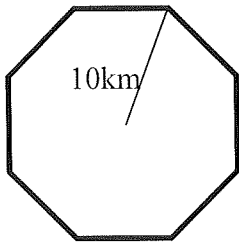
Area of Regular Polygons- Given a Radius HW

Find the area of each regular polygon given the information. Round your answers to the nearest tenth.

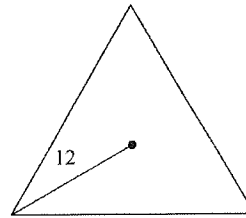
1. A regular heptagon with $r = 10\text{m}$

2. A regular dodecagon with $r = 3\text{in}$

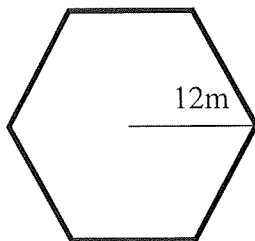
3.



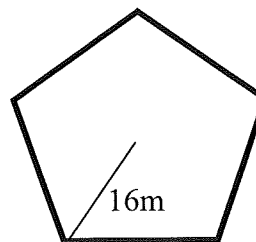
4.



5.

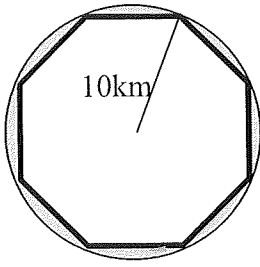


6.

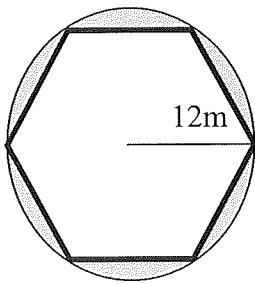


Find the area of each shaded region, rounding to the nearest tenth.

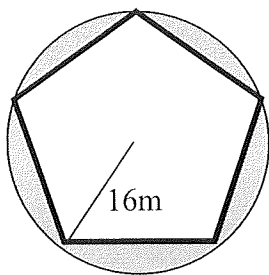
7.



8.



9.



10.

