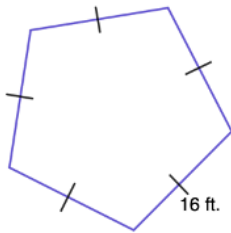


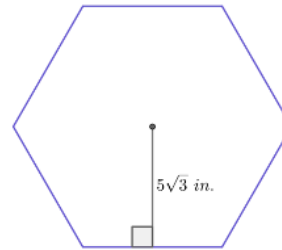
AREA OF REGULAR POLYGONS PRACTICE

Directions: For each polygon below, find the area. Show all of your work and round your answer to the nearest tenth if necessary.

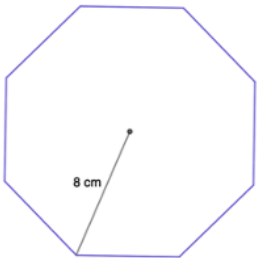
1. Find the area of a pentagon with a side length of 16 ft.



2. Find the area of a regular hexagon with an apothem of $5\sqrt{3}$ in.



3. Find the area of a regular octagon with a radius of 8 cm.



4. Find the area of a regular nonagon with a side length of 12 ft.

5. Find the area of a regular dodecagon with a radius of 13 cm.

6. Find the area of a regular hexagon with an apothem of 18 meters.