

1. What is the measure of a central angle of a regular...

- a) Octagon? _____ b) Hexagon? _____ c) Decagon? _____ d) Triangle? _____

2. Find the apothem of each regular polygon using the information provided.

- a) Pentagon with side 10 cm b) Octagon with radius 6 cm

- c) Decagon with radius 6 cm

3. Find the perimeter of each regular polygon.

- a) Nonagon with radius of 12 cm b) Hexagon with apothem of $5\sqrt{3}$ cm

- c) Heptagon with apothem of 10 cm

4. Find the AREA of each regular polygon.

a) Hexagon with a radius of 8 cm

b) Hexagon with a side of 10 cm

c) Decagon with a radius of 18 cm

d) Pentagon with an apothem of 7 cm