Find the Perimeter of the Regular Polygon

Directions: Using the given measurements, find the perimeter of each regular polygon. Show your work!

**Example:**
Hexagon
6 Sides

To find Perimeter: Multiply length of one side by number of sides

Perimeter: \(2 \times 6 = 12\)
where 2 is the length and 6 is the number of sides

1. Hexagon - 6 sides

2. Octagon - 8 sides

3. Heptagon - 7 sides

4. Nonagon - 9 sides

5. Decagon - 10 sides

6. Triangle - 3 sides

7. Pentagon - 5 sides

8. Quadrilateral - 4 sides

\[P = \text{__}\]

\[P = \text{__}\]

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Hexagon
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To find Perimeter: Multiply length of one side by number of sides

Perimeter: $2 \times 6 = 12$
where 2 is the length and 6 is the number of sides

1. Hexagon - 6 sides
   \[ P = 30 \]

2. Octagon - 8 sides
   \[ P = 24 \]

3. Heptagon - 7 sides
   \[ P = 42 \]

4. Nonagon - 9 sides
   \[ P = 9 \]

5. Decagon - 10 sides
   \[ P = 30 \]

6. Triangle - 3 sides
   \[ P = 21 \]

7. Pentagon - 5 sides
   \[ P = 10 \]

8. Quadrilateral - 4 sides
   \[ P = 32 \]