1. Find the length of the diameter of a circle that has an area of 379.94m².

2. Find the area of the figure.

3. Find the area of the shaded region.

4. Find the area of the regular polygon.

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1. Find the area of the parallelogram. Round to the nearest tenth if necessary.

2. Find the area of the triangle. Round to the nearest tenth if necessary.

3. Find the area of the shape. Round to the nearest tenth if necessary.

4. Find the area of the trapezoid. Round to the nearest tenth if necessary.
1. State the center and the radius of the circle:
\((x + 6)^2 + (y - 1)^2 = 36\)

Center: \(\) Radius: \(\)

2. Write the equation of the circle in standard form by completing the square.
\(3x^2 + 3y^2 + 12x - 18y + 9 = 0\)

3. Write the equation of a circle with a center at \((2, 5)\) and passes through the point \((-5, 2)\).

4. Write the equation of the circle in standard form.

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1. Find \(m\angle MPL\) if \(m\angle LVN = 15^\circ\).

2. In circle \(M\), \(MJ = 12\) and \(WT = 20\). Find \(MN\).

3. Find the length of \(JH\) if \(JH\) is tangent to \(\bigcirc A\).

4. Find the length of \(AC\).