TOPIC 8: Geometric Measurement

Find the measures of angle A and angle C.

2. Find the area of a rectangle if the length of the rectangle is 6 meters and the width is 8 meters.

3. Find the area of the given triangle.

4. Find the perimeter of a parallelogram that has adjacent sides of length 10 feet and 12 feet.

5. Find the circumference of a circle of radius 4,000 miles.

6. Find the area of a circle that has a diameter of 10 feet.

7. Find the volume.

8. Find the measure of angle C.
10. Find the missing leg of the right triangle shown below.

7 ft

11 ft

ANSWERS

TOPIC 8: Geometric Measurement

1. \( \text{angle } A = 120^\circ \) 6. \( 25\pi \text{ ft}^2 \)
2. \( 48M^2 \) 7. \( 120 \text{ ft}^3 \)
3. \( 30 \text{ ft}^2 \) 8. \( \text{angle } C = 35^\circ \)
4. \( 44 \text{ ft} \) 9. \( 7\frac{1}{2} \text{ ft} \)
5. \( 8,000\pi \text{ miles} \) 10. \( \sqrt{170} \text{ ft} \)

For more examples, click here.