

## Area & Perimeter In Class worksheet

The perimeter of a rectangle is 42 cm. If the width of the rectangle is 10 cm then what is the area of the rectangle?

Answer: \_\_\_\_\_ cm<sup>2</sup>

The area of a rectangle is 165 cm<sup>2</sup>. If the width of the rectangle is 11 cm then what is the perimeter of the rectangle?

Answer: \_\_\_\_\_ cm

The area of a triangle is 84 inch<sup>2</sup>. If the height of the triangle is 12 inches then what is the base of the triangle?

Answer: \_\_\_\_\_ inches

The area of a square is 196 foot<sup>2</sup>. What is the perimeter of the square?

Answer: \_\_\_\_\_ feet

The 2 parallel sides of a trapezoid measures 10 meters and 6 meters. If the height of the trapezoid is 8 meters . What is the area of the trapezoid?

Answer: \_\_\_\_\_ meter<sup>2</sup>

The area of a triangle is 40 cm<sup>2</sup>. If the base of the triangle is 8 cm then what is the height of the triangle?

Answer: \_\_\_\_\_ cm

The area of a circle is 7.065 inch<sup>2</sup>. What is the diameter of the circle? (use pi = 3.14)

Answer: \_\_\_\_\_ inches

The perimeter of a square is 28 inches. What is the area of the square?

Answer: \_\_\_\_\_ inch<sup>2</sup>

The area of a circle is 113.04 foot<sup>2</sup>. What is the radius of the circle? (use pi = 3.14)

Answer: \_\_\_\_\_ feet

The 2 parallel sides of a trapezoid measures 12 meters and 6 meters. If the height of the trapezoid is 8 meters . What is the area of the trapezoid?

Answer: \_\_\_\_\_ meter<sup>2</sup>