**Discuss the question below with your table group. Raise your hand when your group can show us an EQUATION that could help solve the problem.**

Example 1: The area of a rectangle is 24 square centimeters. If the length is 8 cm, what is the width?

What is the formula for area of a rectangle?

What information do we know?

Example 2: The area of a trapezoid is 50 square feet. If the bases measure 15 feet and 10 feet, what is the height?

What is the formula for area of a trapezoid?

What information do we know?

Example 3: The circumference of a circle is 43.96 square inches. What is the length of the radius?

What is the formula for circumference of a circle?

What information do we know?

Example 4: The area of a triangle is 60 square centimeters. If the height is 12 cm, what is the length of the base?

What is the formula for area of a triangle?

What information do we know?

Example 5: The area of a parallelogram is 144 square inches. If the base measures 16 inches, what is the height?

What is the formula for area of a parallelogram?

What information do we know?

Example 6: The area of a circle is 50.24 square inches. What is the length of the radius?

What is the formula for area of a circle?

What information do we know?

Example 7: The area of a trapezoid is 80 square feet. If the bases measure 12 feet and 4 feet, what is the height of the trapezoid?

What is the formula for area of a trapezoid?

What information do we know?

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