How would you define perimeter?

How would you calculate the perimeter of a square?

Add all sides

Add all 4 sides

1. A rectangle has a length of 30 cm and height of 53 mm. What is the perimeter of this rectangle in



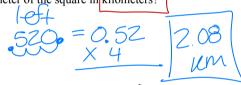
2. A rectangle has a length of 45 feet and height of 20 yards. What is the perimeter of this rectangle in feet?



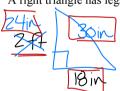


3. A square has a side length of 520 meters. What is the perimeter of the square in kilometers?





4. A right triangle has legs of 2 feet and 18 inches. What is the perimeter of the triangle in inches?

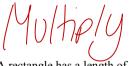


$$\frac{267}{160} \cdot \frac{12 \text{ in}}{160} = 24 \text{ in}$$

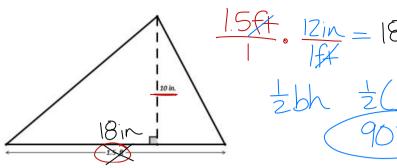
$$24^{2} + 18^{2} = c^{2} \sqrt{900} = c^{2} c = 30$$

How would you define area?

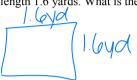
How would you calculate the area of a rectangle? A triangle?

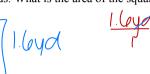


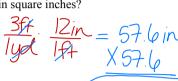
5. A rectangle has a length of 8.2 cm and a height of 42 mm. What is the area of the square in square millimeters?



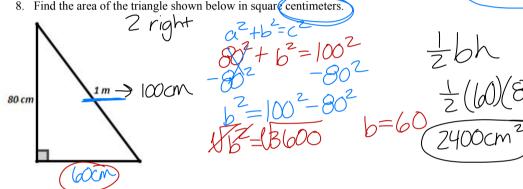
7. A square has a side of length 1.6 yards. What is the area of the square in square inches?







8. Find the area of the triangle shown below in square centimeters.



9. A rectangle has an area of 12m² and a length of 400 cm. What is the width of the rectangle?

- b. 30 cm

 $3m \rightarrow 2 \text{ right}$ 300 = 300 cm

- c. 300 cm
- d. 3000 cm

10. The length of a football field is 100 yards. Which of the following would be equivalent (the same) to the length of a football field?

- a. 300 feet)
- b. 100 meters
- c. 9,144 cm d. 914
- e. 10,000 cm

$$\frac{300 \text{ft}}{1 \text{ ft}} \cdot \frac{12 \text{ ix}}{1 \text{ jx}} = \frac{9144 \text{ cm}}{91.44 \text{ m}}$$