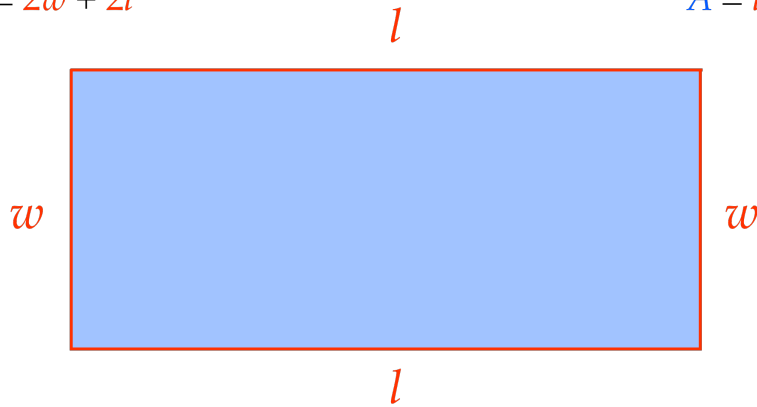# Area and Perimeter of Squares

<div align="center">

Perimeter of a **Rectangle**
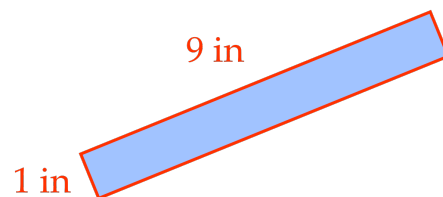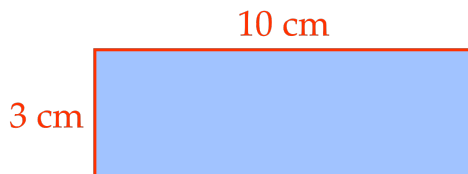the sum of the sides of a **rectangle**.

$$P = w + l + w + l$$
$$P = 2w + 2l$$

Area of a **Rectangle**
the **area** enclosed by the sides of a **rectangle**.

$$A = l \cdot w$$

</div>

l

w w

l

<div align="center">

Find the **Perimeter** and **Area** of the following **Rectangles**.

$$P = 2w + 2l \qquad A = l \cdot w$$

</div>

10 cm

3 cm

9 in

1 in

Find the missing side of the following Rectangles.
$$P = 2w + 2l \qquad A = l \cdot w$$

$P = 84$ yd

? yd

6 yd

$A = 15$ cm²

5 cm
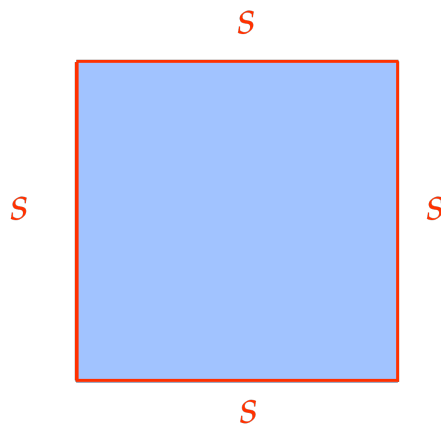
? cm

Perimeter of a Square
the sum of the sides of a square.

$$P = s + s + s + s$$
$$P = 4s$$

Area of a Square
the area enclosed by the sides of a square.

$$A = s \cdot s$$
$$A = s^2$$

S

S

S

S

Find the Perimeter and Area of the following Squares.

$$P = 4s \qquad A = s^2$$

5 cm

12 yd

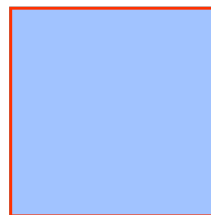Find the side length of the following Squares.

$$P = 4s \qquad A = s^2$$

$P = 24$ ft

? ft

$A = 121$ in^2
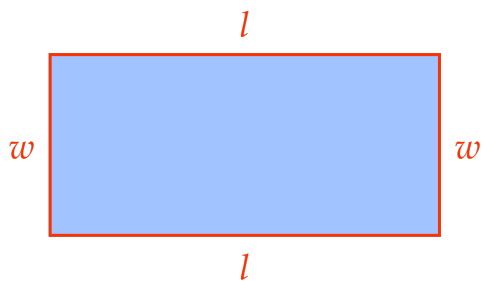
? in

Area and Perimeter of Squares

Perimeter of a Rectangle

$$P = 2w + 2l$$

Area of a Rectangle

$$A = l \cdot w$$

l

w w

l

Perimeter of a Square

$$P = 4s$$

Area of a Square

$$A = s^2$$

s

s s

s