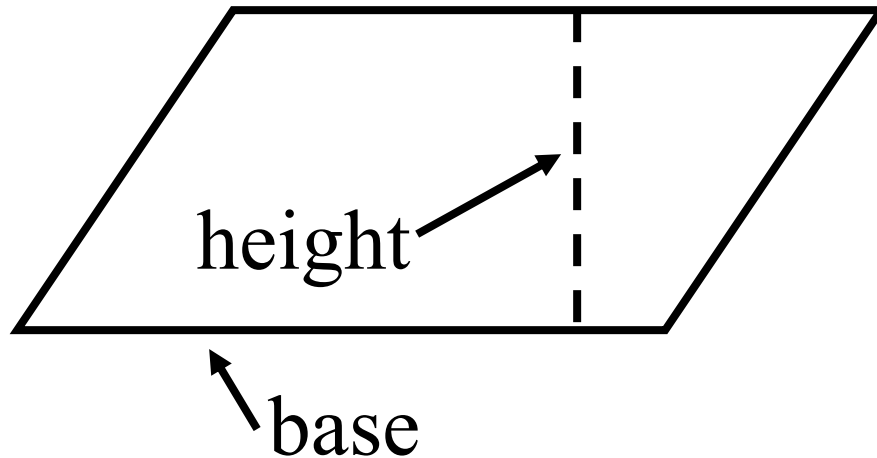# Area Parallelogram

6th Grade Mathematics
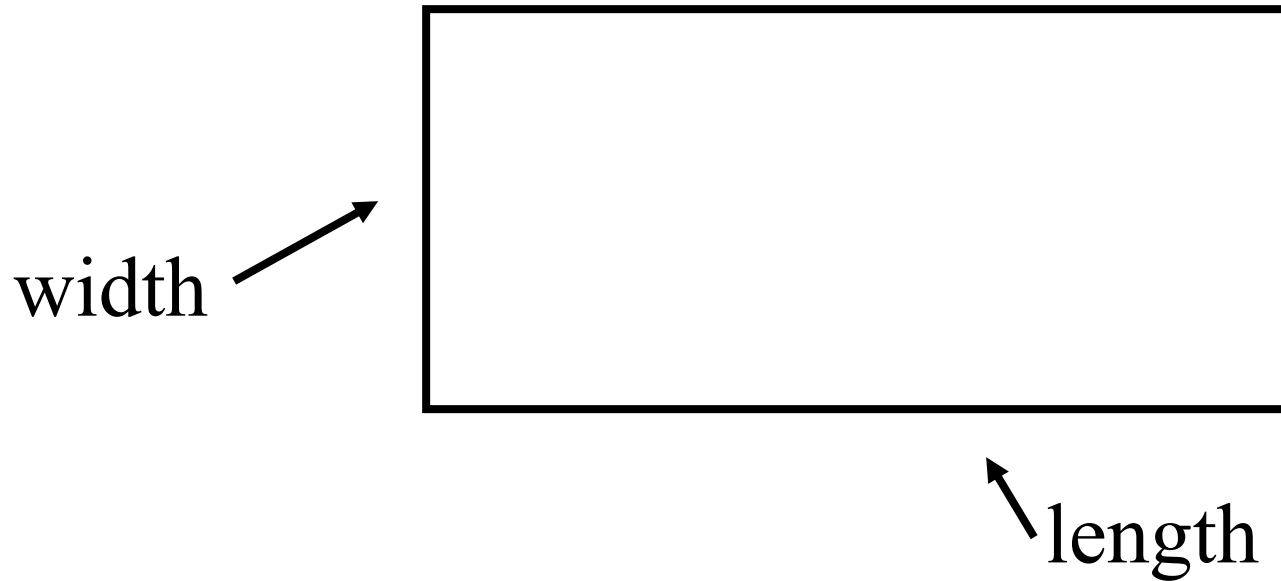
Mr. Wong

Parallelogram - is a quadrilateral that has two sets of parallel sides.

$$\text{Area} = \text{base} \cdot \text{height} = bh$$

Rectangle

width →

length ↗

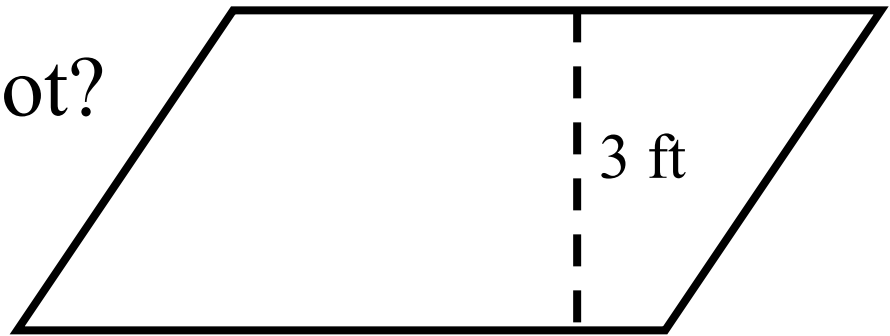$$\text{Area} = \text{length} \bullet \text{width} = l \bullet w$$

Ex. 1 Find the area.

Convert inches to feet.

How many inches in 1 foot?

12 inches in 1 foot

Divide 72 by 12.

6 ft

3 ft

72 in = 6 ft

$$Area = base \cdot height = bh$$

$$Area = 6 \cdot 3$$

$$Area = 18 \text{ ft}^2$$
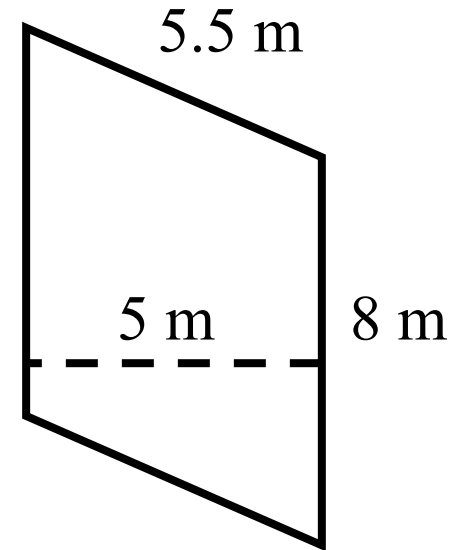
Ex. 2 Find the area.

What is the base?
Hint turn paper 90º.

8 m

What is the height?

5 m

5.5 m

5 m   8 m

$$\text{Area} = \text{base} \cdot \text{height} = bh$$

$$\text{Area} = 8 \cdot 5$$

$$\text{Area} = 40 \text{ m}^2$$