12 Lesson 1 Module

I will be able to find the area of parallelograms!

What is a Polygon?

A closed shape with 3 or more sides!

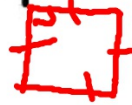|			
3 Triangle	4 Quadrilateral	5 Pentagon	6 Hexagon
7 Heptagon	8 Octagon	9 Nonagon	10 Decagon

Parallelogram

4 sides

A quadrilateral with opposite sides parallel

⟷ can't touch

Rectangle, Rhombus, and a Square

$$A = bh$$

Area = base · height

①

15 in

Base

8 in

height

$A = bh = 15 \cdot 8 = \boxed{120 \; in^2}$

②

5 cm

height

Base

8 cm

$5 \cdot 8 = \boxed{40 \; cm^2}$

③

height

3 ft

Base

$3 \cdot 3 = \boxed{9 \; ft^2}$

④

$2.5 \times 1.8 = \boxed{4.5 \; m^2}$

2 m

1.8 m Height

2.5 m Base