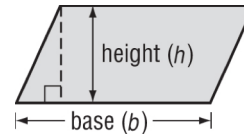## *Lesson 1: Area of Parallelograms*

Words	The area A of a parallelogram is the product of any base b and its height h.
Symbols	$A = bh$

Model

Example 1
Find the area of the parallelogram.
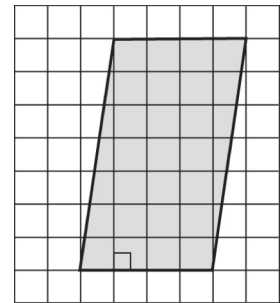
$A = bh$ Area of parallelogram

$A = 4 \times 7$ Replace b with 4 and h with 7.

$A = 28$ Multiply.

The area is 28 square units or 28 units^2.

The base is 4 units, and the height is 7 units.

Example 2
Find the height of the parallelogram.

$A = bh$ Area of parallelogram

$24 = 6 \cdot h$ Replace A with 24 and b with 6.

$\dfrac{24}{6} = \dfrac{6h}{6}$ Divide each side by 6.

$4 = h$ Simplify.

So, the height is 4 inches.

6 in.

$A = 24$ in^2