

More with Formulas

Perimeter of a rectangle

The formula for the perimeter of a rectangle is: _____
(here, l is length and w is width)

Ex 1.

A rectangle has a length of 19 meters and a width of 42 meters. Find the perimeter.

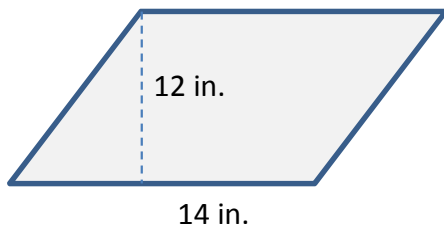
Area of a parallelogram

A **parallelogram** has ___ sides, and the _____ sides are parallel.

The formula for the area of a parallelogram is: _____
(here, b is base and h is height)

Ex 2.

Find the area of the parallelogram.



Ex 3.

Suppose the area of a parallelogram is 72 square inches. If the height is 9 inches, find the base.

Volume of a box

$$V = lwh$$

(here, l is length, w is width, h is height)

Ex 4.

The volume of a box is 336 cubic centimeters. If the length is 12 cm and the width is 7 cm, find the height.

Ex 5.

A strangely-shaped room is shown below. How many square feet of carpet will you need to carpet the room?

