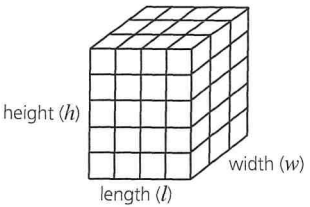
Name _____

Explore Volume of Rectangular Prisms

12-12 RETEACH

Volume is the amount of space a 3-dimensional figure encloses. To find the volume of a rectangular prism, you can use a formula.

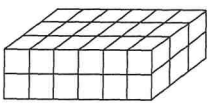
Find the volume of the rectangular prism. Use the formula $V = l \times w \times h$, where V = volume, l = length, w = width, and h = height.



$V = l \times w \times h$
$V = 4 \times 3 \times 5$
$V = 60$ cubic units

Find the length, width, height, and volume of each figure.

1.



$l =$ _____ units

$w =$ _____ units

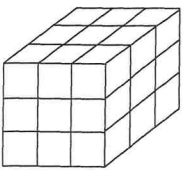
$h =$ _____ units

$V = l \times w \times h$

$V =$ ___ $\times$ ___ $\times$ ___

$V =$ _____ cubic units

2.



$l =$ _____ units

$w =$ _____ units

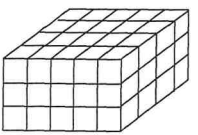
$h =$ _____ units

$V = l \times w \times h$

$V =$ ___ $\times$ ___ $\times$ ___

$V =$ _____ cubic units

3.



$l =$ _____ units

$w =$ _____ units

$h =$ _____ units

$V = l \times w \times h$

$V =$ ___ $\times$ ___ $\times$ ___

$V =$ _____ cubic units