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The number of small cubes that will fit into a large cube (box) is the volume. To find the volume of a cube, multiply the length times the width times the height.
The formula looks like this: **V = l x w x h**

$h = 2"$
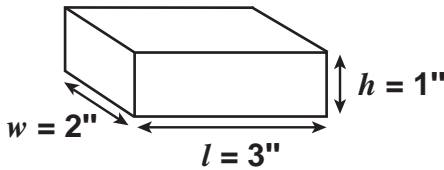$w = 2"$
$l = 2"$

V = 2" x 2" x 2"
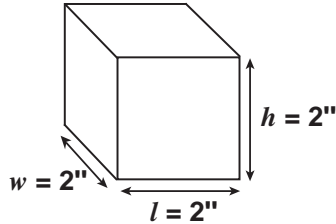
V = 4" x 2"

V = 8 cubic inches

Directions: Find the volume for each shape.

1.

$h = 1"$
$w = 2"$
$l = 3"$

___ **X** ___ **X** ___ = ____
l   w   h

The volume is
_____ cubic inches.

2.
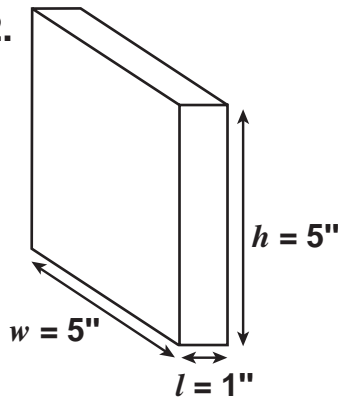
$h = 5"$
$w = 5"$
$l = 1"$

___ **X** ___ **X** ___ = ____
l   w   h

The volume is
_____ cubic inches.

3.

$h = 3"$
$w = 5"$
$l = 6"$

___ **X** ___ **X** ___ = ____
l   w   h

The volume is
_____ cubic inches.

4.

$w = 3"$
$h = 1"$
$l = 6"$

___ **X** ___ **X** ___ = ____
l   w   h
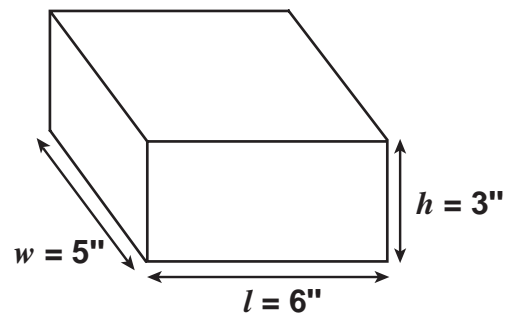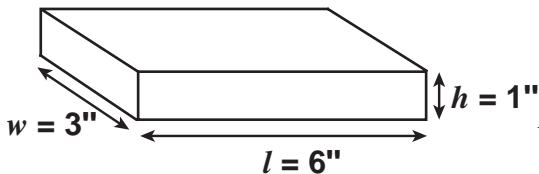
The volume is
_____ cubic inches.

5.

$h = 3"$
$w = 3"$
$l = 3"$

___ **X** ___ **X** ___ = ____
l   w   h
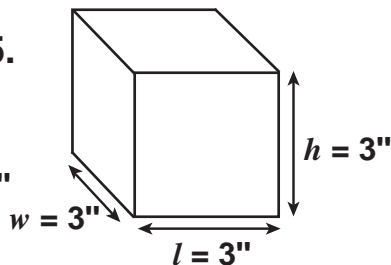
The volume is
_____ cubic inches.

6.

$h = 4"$
$w = 4"$
$l = 4"$

___ **X** ___ **X** ___ = ____
l   w   h

The volume is
_____ cubic inches.

Directions: Use the picture graph below to answer the questions.

Remember, to show your work for each problem and that each animal picture stands for 7 animals.

How many of each animal are there in all?

Legend

🦇 = 7

Each animal picture represents 7 animals.

bat	🦇	🦇	🦇	🦇	🦇		
owl	🦉	🦉	🦉	🦉	🦉	🦉	🦉
cat	🐱	🐱	🐱				
skunk	🦨	🦨	🦨	🦨	🦨	🦨	
dog	🐶	🐶	🐶	🐶	🐶	🐶	🐶	🐶

1. ☐
× ☐
———

There are _____ bats in all.

2. ☐
× ☐
———

There are _____ owls in all.

3. ☐
× ☐
———

There are _____ cats in all.

4. ☐
× ☐
———

There are _____ skunks in all.

5. ☐
× ☐
———

There are _____ dogs in all.

6. How many animals are there in all?

There are _____ animals in all.