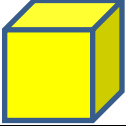


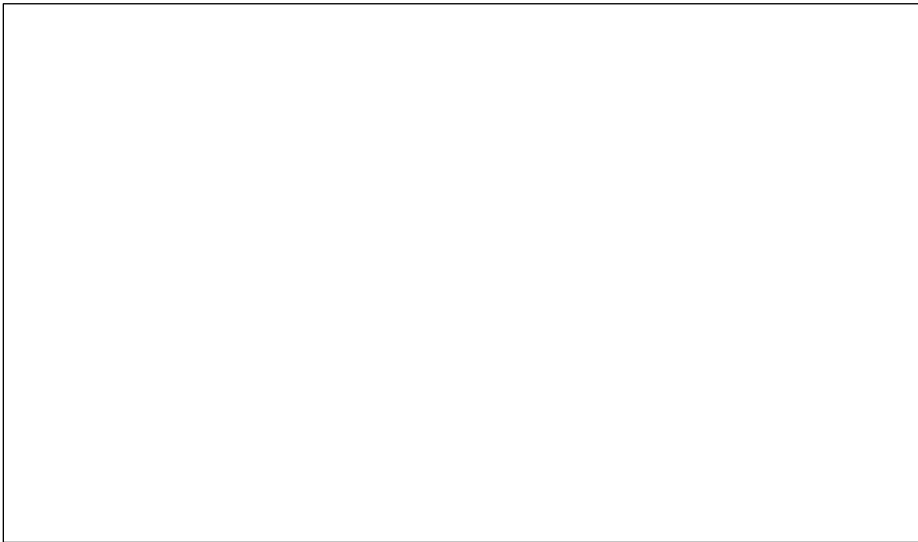
Volume of Rectangular Solids Lab

Purpose: To practice finding the volume (size) of rectangular prisms (boxes).

| Type of object | Formula | Tool | Unit |
|---------------------------------------------------------------------------------------------------------|---------|------|------|
| Rectangular solids  | | | |

1) Object 1:

A) Insert a picture of the object below:



B) Using a ruler, measure the length, width and Height of the object.

a. Length _____

b. Width _____

c. Height _____

C) Label the picture (using your drawing function). Show:

a. Length = RED with the number

b. Width = Green with the number

c. Height = BLUE with the number

D) What is the formula for Volume of a rectangular solid (write the words)?

_____ x _____ x _____
_____ x _____ x _____

ANSWER = _____

Fill in the words for the formula

Fill in the numbers for the formula

2) Object 2:

E) Insert a picture of the object below:



F) Using a ruler, measure the length, width and Height of the object.

a. Length _____

b. Width _____

c. Height _____

G) Label the picture (using your drawing function). Show:

a. Length = RED with the number

b. Width = Green with the number

c. Height = BLUE with the number

H) What is the formula for Volume of a rectangular solid (write the words)?

_____ x _____ x _____

_____ x _____ x _____

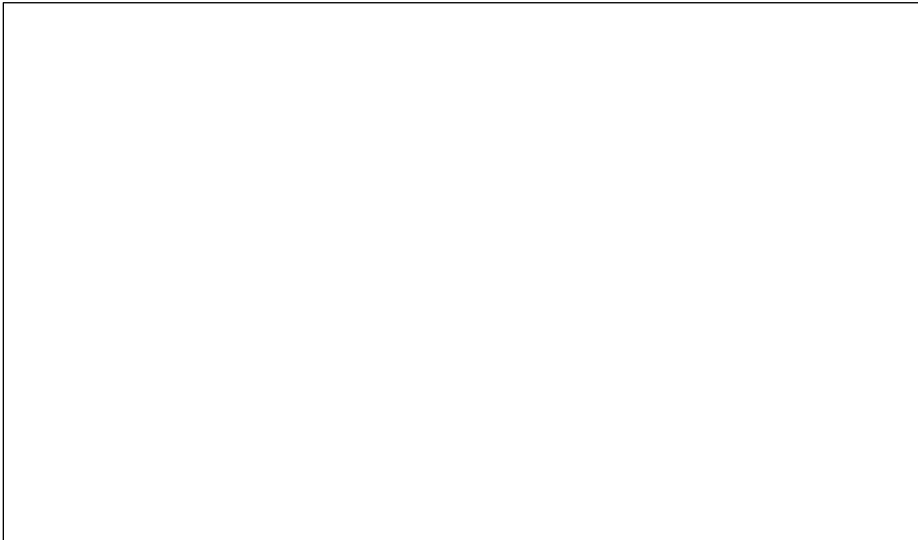
ANSWER = _____

Fill in the words for the formula

Fill in the numbers for the formula

3) Object 3:

l) Insert a picture of the object below:



J) Using a ruler, measure the length, width and Height of the object.

- a. Length _____
- b. Width _____
- c. Height _____

K) Label the picture (using your drawing function). Show:

- a. Length = RED with the number
- b. Width = Green with the number
- c. Height = BLUE with the number

L) What is the formula for Volume of a rectangular solid (write the words)?

_____ x _____ x _____

_____ x _____ x _____

ANSWER = _____

Fill in the words for the formula

Fill in the numbers for the formula

4) **Object 4:**

M) Insert a picture of the object below:



N) Using a ruler, measure the length, width and Height of the object.

a. Length _____

b. Width _____

c. Height _____

O) Label the picture (using your drawing function). Show:

a. Length = RED with the number

b. Width = Green with the number

c. Height = BLUE with the number

P) What is the formula for Volume of a rectangular solid (write the words)?

_____ x _____ x _____

_____ x _____ x _____

ANSWER = _____

Fill in the words for the formula

Fill in the numbers for the formula

5) **Object 5:**

Q) Insert a picture of the object below:



R) Using a ruler, measure the length, width and Height of the object.

a. **Length** _____

b. **Width** _____

c. **Height** _____

S) Label the picture (using your drawing function). Show:

a. **Length = RED with the number**

b. **Width = Green with the number**

c. **Height = BLUE with the number**

T) What is the formula for Volume of a rectangular solid (write the words)?

_____ x _____ x _____

_____ x _____ x _____

ANSWER = _____

Fill in the words for the formula

Fill in the numbers for the formula

6) **Object 6:**

U) Insert a picture of the object below:



V) Using a ruler, measure the length, width and Height of the object.

- a. Length _____
- b. Width _____
- c. Height _____

W) Label the picture (using your drawing function). Show:

- a. Length = RED with the number
- b. Width = Green with the number
- c. Height = BLUE with the number

X) What is the formula for Volume of a rectangular solid (write the words)?

_____ x _____ x _____

_____ x _____ x _____

ANSWER = _____

Fill in the words for the formula

Fill in the numbers for the formula