

Find the surface area and volume.

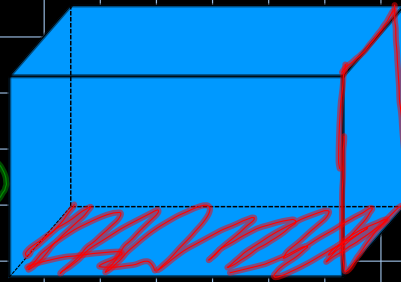
Volume

$$V = B \cdot h$$

$$V = (8 \cdot 3) \cdot 5$$

$$V = 24 \cdot 5$$

$$V = 120 \text{ ft}^3$$



Surface Area

$$\text{Top/Bottom } 8 \cdot 3 = 24$$

$$\text{Right/Left } 5 \cdot 3 = 15$$

$$\text{Front/Back } 8 \cdot 5 = 40$$

$$2(24) + 2(15) + 2(40)$$

$$48 + 30 + 80$$

$$158 \text{ ft}^2$$

# Class Rules

Copy these down on a clean piece of paper. Skip some lines between each one.

- 1) Be respectful to one another and speak in a respectful way.
- 2) Use your time wisely and do your best work at all times.
- 3) Use appropriate language in class.

You will self-assess your behavior at the end of class today.

# Agenda

✓ Warm-up

✓ Class Rules

Quiz

Finish Finding Volume Practice

Exit Task

Assignment

$$\text{Volume of Cone} = \frac{1}{3} \pi r^2 h$$

Surface Area = add up all sides

$$\text{Area of rectangle} = b \cdot h$$

$$\text{Area of triangle} = \frac{1}{2} b \cdot h$$

$$\text{Area of circle} = \pi r^2$$

$$\text{Circumference of circle} = \pi \cdot D$$

# Exit Task

## Turn in homework AND...

Score yourself on **each** of the three class rules.

4 = You did this for the entire period

3 = You did this for the entire period with one minor exception

2 = You had a couple of incidents where you did not do this

1 = You had trouble with this today

0 = You blatantly and deliberately did not do this

Then write a sentence explaining why you earned the score you gave yourself.