

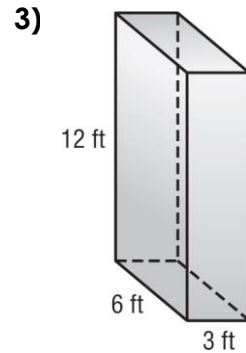
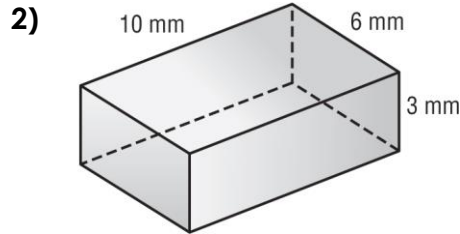
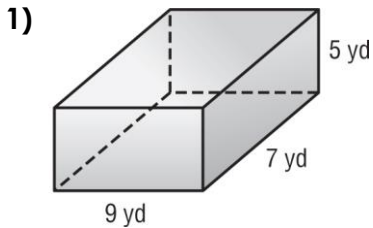
# Math 6 - Unit 5: Area & Volume

## Surface Area & Volume Practice

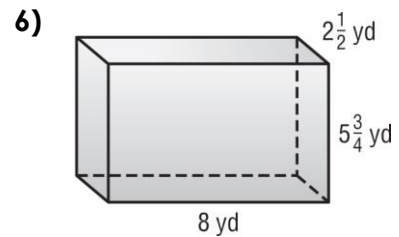
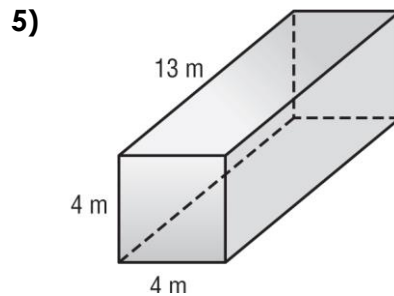
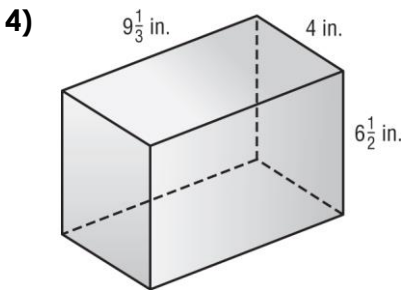
Name: \_\_\_\_\_

Class Period: 1 2 3 4 Date: \_\_\_\_\_

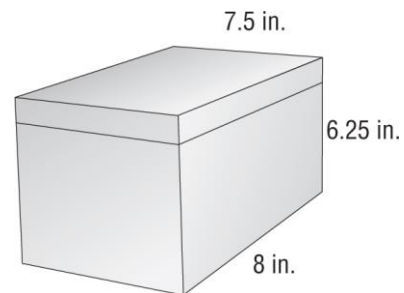
Find the volume and surface area of each prism.



Find the volume of each prism.

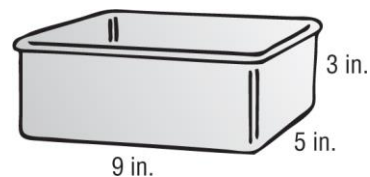


7) **TOYS** Geneva's younger brother has a toy box that is 3.6 feet long, 2.4 feet wide, and 1.5 feet high. What is the volume of the toy box?



8) What is the volume of a rectangular prism with a length of 11 meters, width of 26 meters, and height of 38 meters?

9) **BAKING** The bread loaf pan shown is filled to a height of 2 inches with banana bread batter. How much more batter could the pan hold before it overflowed?



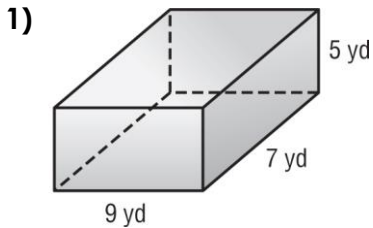
# Math 6 - Unit 5: Area & Volume

## Surface Area & Volume Practice **ANSWER KEY**

Name: \_\_\_\_\_

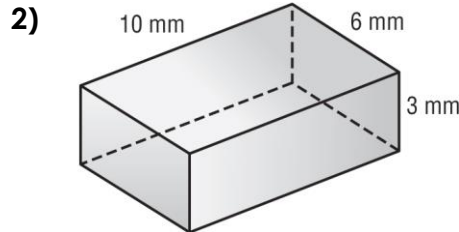
Class Period: 1 2 3 4 Date: \_\_\_\_\_

Find the volume and surface area of each prism.



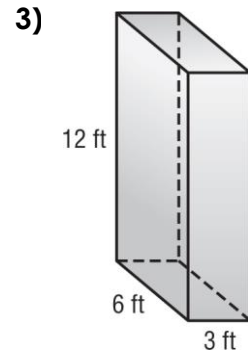
**SA: 286 yd<sup>2</sup>**

**V: 315 yd<sup>3</sup>**



**SA: 216 mm<sup>2</sup>**

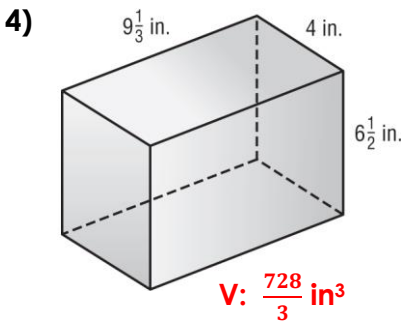
**V: 180 mm<sup>3</sup>**



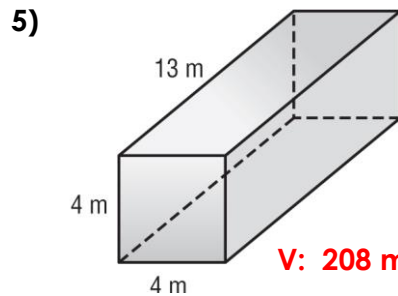
**SA: 252 ft<sup>2</sup>**

**V: 216 ft<sup>3</sup>**

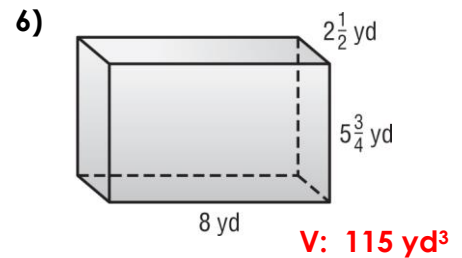
Find the volume of each prism.



**V:  $\frac{728}{3}$  in<sup>3</sup>**

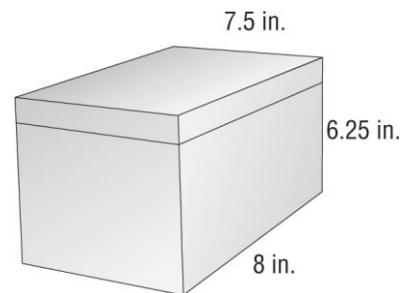


**V: 208 m<sup>3</sup>**



**V: 115 yd<sup>3</sup>**

- 7) **TOYS** Geneva's younger brother has a toy box that is 3.6 feet long, 2.4 feet wide, and 1.5 feet high. What is the volume of the toy box? **375 in<sup>3</sup>**



- 8) What is the volume of a rectangular prism with a length of 11 meters, width of 26 meters, and height of 38 meters? **10868 m<sup>3</sup>**

- 9) **BAKING** The bread loaf pan shown is filled to a height of 2 inches with banana bread batter. How much **more batter** could the pan hold before it overflowed? **45 in<sup>3</sup>**

