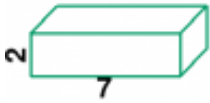


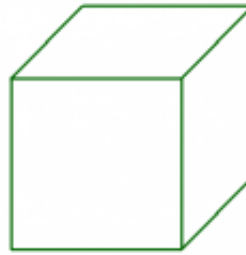
## Volume/Surface Area

1 a.



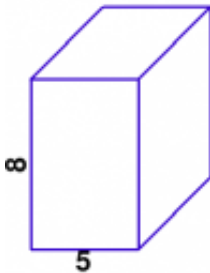
The volume of this rectangular prism is 42 cubic units. Find its surface area.

1 b.



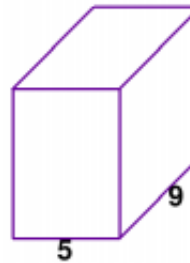
The surface area of this cube is 384 square units. What is its volume?

2 a.



The surface area of this rectangular prism is 288 square units. Find its volume.

2 b.



The volume of this rectangular prism is 315 cubic units. Find its surface area.

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

## Answer Key

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1 a. 82 square units.               | 1 b. The volume is 512 cubic units. |
| 2 a. The volume is 320 cubic units. | 2 b. 286 square units.              |