Surface Area & Volume Practice

Name:

Class Period: 1 2 3 4 Date:



9) Circle the choices that relate to volume. Underline the choices that relate to surface area.

Filling a pool with water Wrapping a present The amount of cereal in a box Painting a house

10) How are surface area and volume alike? _____

11) How are surface area and volume are different?

Name:

Surface Area & Volume Practice

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?





Surface Area & Volume Practice ANSWER KEY

Name:

Class Period: 1 2 3 4 Date:



9) Circle the choices that relate to volume. Underline the choices that relate to surface area.

Filling a pool with water Wrapping a present The amount of cereal in a box Painting a house

10) How are surface area and volume alike? Both require you to multiply using side measurements

11) How are surface area and volume are different? Surface Area is the total area of all of the surfaces of the figure. It is a measurement of the area of the OUTSIDE of a figure. Volume is the total capacity of the INSIDE of a figure.

Name:

Surface Area & Volume Practice ANSWER KEY

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? 375 in³
- 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 m³
- 9) BAKING The bread loaf pan shown is filled to a height of 2 inches with banana bread batter. How much <u>more batter</u> could the pan hold before it overflowed? 45 in³



