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| **Rectangular Prism:** | **Surface Area**  **(Show work and circle your answer.)**  **(It may help to draw a net!)** | **Volume**  **(Show work and circle your answer.)**  **V = lwh OR V = Bh** |
| Image result for rectangular prism filled with cubes | 1) SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2) V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Image result for cube volume | 3) SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4) V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | 5) SA = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 6) V = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

7) ***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 doghouse

1. Noelani wants to paint her jewelry box blue. The jewelry box is in the shape of a cube and has an edge length of 4 in. How much blue paint will Noelani need?
2. Is she finding SURFACE AREA or VOLUME?
3. Show work below:
4. She will need \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of paint.
5. Jaylen is building a pool in his backyard. The pool measures 10 ½ yards long, 6 yards wide, and 1 ½ yards deep. How much water will fit in the pool?

a. Is he finding SURFACE AREA or VOLUME?

b. Show work below:

c. He will be able to put \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of water in the pool.

