

NAME _____

Date _____

Grade 5 Unit 1 Review

Due Thursday

- ① a. $(4 * 8) + 13 =$ _____
- b. $5 * (4 + 7) =$ _____
- c. $(22 / 2) + 7 =$ _____
- d. $24 / (4+2) =$ _____

④ Underline the objects that have volume.

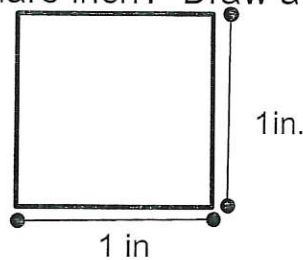
- a bottle of water
- the top of the table
- soup can
- the floor
- a circle

② Jackie was babysitting her sister and earned \$32 dollars. She did the laundry for an additional \$10. She spent half of the money on new clothes for the upcoming school year. Write an expression that models the amount of money Jackie spent.

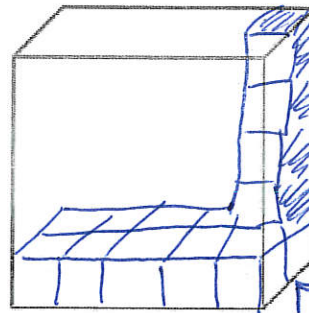
Expression : _____

③ How many squares with the side length of $\frac{1}{3}$ inch will fit into 1 square inch? Draw a picture to help you.

_____ squares



⑤



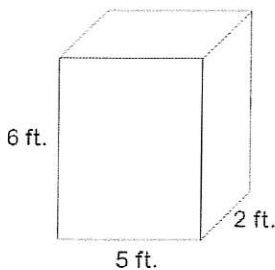
$h = 5 \text{ units}$

$B = 10 \text{ u}^2$

What is the volume of this figure?

Volume = _____

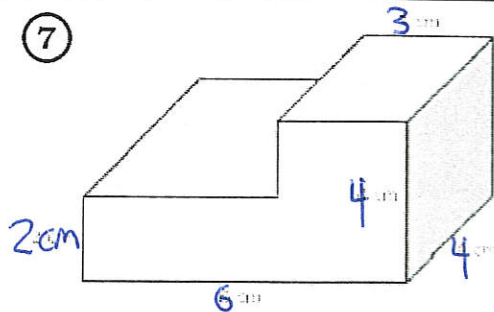
⑥



Use the formula $V = l * w * h$ to find the volume of this figure.

Volume = _____

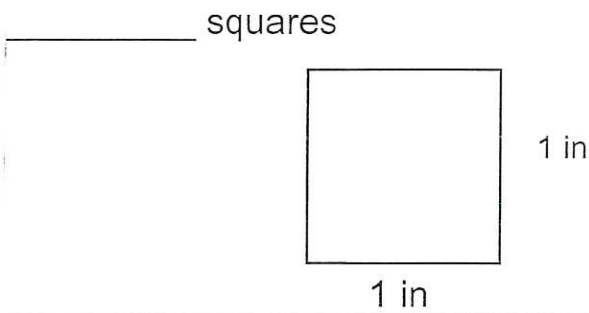
⑦



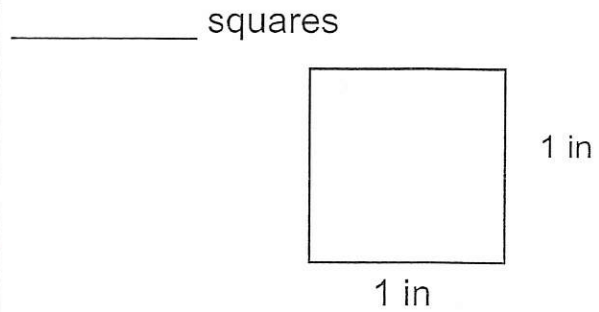
Find the volume of this figure.

Volume: _____

8. How many squares with the side length of $\frac{1}{4}$ inch will fit into 1 square inch? Draw a picture to help you.



9. How many squares with the side length of $\frac{1}{6}$ inch will fit into 1 square inch? Draw a picture to help you.



10. Using the problems above, what relationship do you notice between the side length of the smaller squares and the number of squares that will fit into 1 square inch?

11. Use that pattern to explain how many squares with side length $\frac{1}{10}$ inch would fit into 1 square inch.

12. I filled a box with and got a volume of 25 cubes.

Mr. Meyer filled the same box and got a volume of 36 marbles. How is this possible?

13. Are marbles or cubes better to measure volume?
