

5th Grade: Unit 1 Skill Overview

Use the Self-Assessment to help you reflect on your progress towards our math goals in Unit 1. Below you will find examples of the types of problems you have completed in this unit. The examples may be used as additional practice if needed. Refer to your Student Reference Book for additional information and practice.

Skill

Examples

- ① Evaluate expressions with grouping symbols.

Solve.

a. $(4 * 3) + (9 / 3) = \underline{\hspace{2cm}}$

b. $4 * (2 + 7) - 6 = \underline{\hspace{2cm}}$

c. $\underline{\hspace{2cm}} = (10 + 8) / (54 / 9)$

- ② Write expressions to model situations.

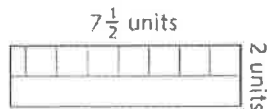
Write an expression that models the calculation described in words.

- ① The sum of 13 and 12, which is then multiplied by 2

- ② Divide 16 by 4 and add the sum of 3 and 8 to the quotient.

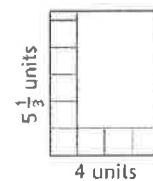
- ③ Multiply 12 and 6 and divide the product by 9.

- ③ Find the area of a rectangle with one fractional side length.



Area = $\underline{\hspace{2cm}}$ square units

(number sentence)



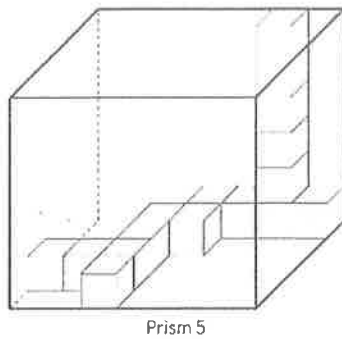
Area = $\underline{\hspace{2cm}}$ square units

(number sentence)

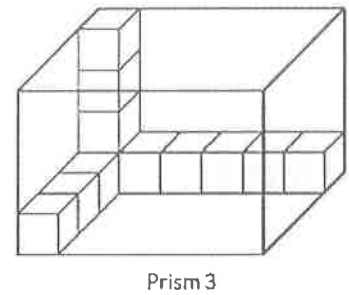
- ④ Identify objects with volume.

Name three objects that have the attribute of volume.

- ⑤ Use cubes to find volume.



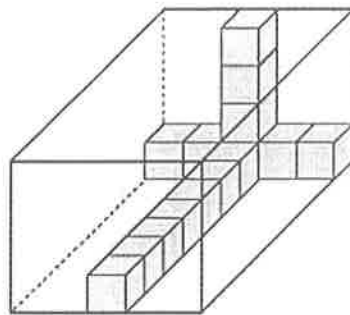
Cubes needed to fill Prism 5: _____ cubes
Volume of Prism 5: _____ units³



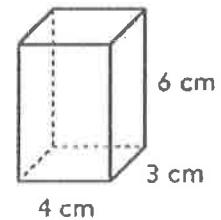
Prism 3

Cubes needed to fill Prism 3: _____ cubes
Volume of Prism 3: _____ cubic units

- ⑥ Use formulas to find volume.



Volume: _____
Formula: _____



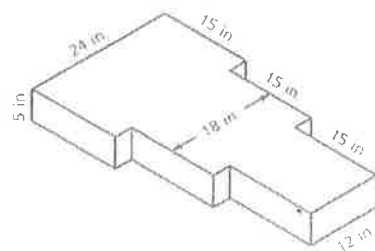
Volume: _____
Formula: _____

- ⑦ Find the volume of a figure made of rectangular prisms.

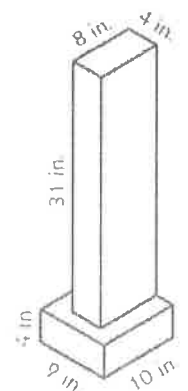
Xylophone case



The volume of the xylophone case is about _____ in.³



Trombone case



The volume of the trombone case is about _____ in.³