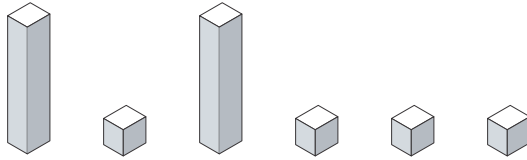


Lab 1-3: Writing Expressions for Groups of Blocks

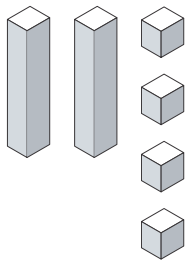
Unlike blocks can be grouped to represent greater numbers or expressions.

Example:



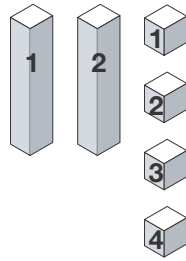
Step 1.

Sort the blocks into groups.



Step 2.

Count the number in each group.



Step 3.

Read the number.

$$2 \times x = 2x$$

$$4 \times 1 = (4 \times 1) = 4$$

Step 4.

Record.

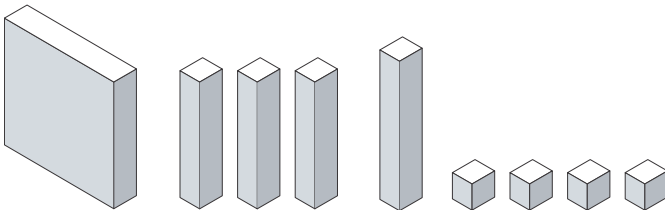
$$2x \text{ and } 4$$

$$2x + 4$$

Try It

- Suppose that one orange square was included in the group of blocks in the example. What expression would then be represented?

- Write the expression represented by the following Algeblocks. Think about the process you learned in the example. Describe how you determined the expression represented by the Algeblocks.



Practice

Use Algeblocks to make your own expressions. Take a random handful of blocks and write the expression represented.

	Green Square	Yellow Rectangle	Yellow Square	Orange Rectangle	Orange Square	Light Orange Rectangle	Expression
3.							
4.							
5.							
6.							