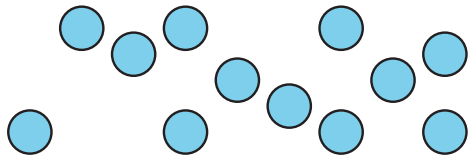
Section C: Practice Problems

1. Rearrange the circles to make an array in two different ways.



(From Unit 1, Lesson 17.)

2. There are 4 rows of water bottles in the box. There are 5 bottles in each row.

   Draw an array representing the situation. Then, write a multiplication expression representing the number of water bottles.

(From Unit 1, Lesson 18.)

3. There are 5 rows of chairs in the room. There are 4 chairs in each row. How many chairs are in the room?

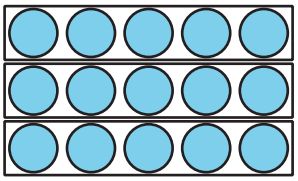
   a. Write a multiplication equation to represent the situation.

   b. Find the value that makes your equation true.

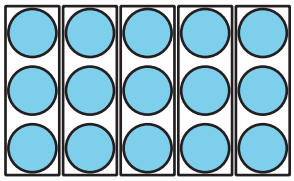
(From Unit 1, Lesson 19.)

4. a. Write a multiplication equation that represents each array.

A



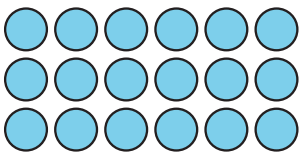
B



b. How are the arrays the same? How are they different?

(From Unit 1, Lesson 20.)

5. a. Explain or show 2 different ways that you see equal groups in the array.



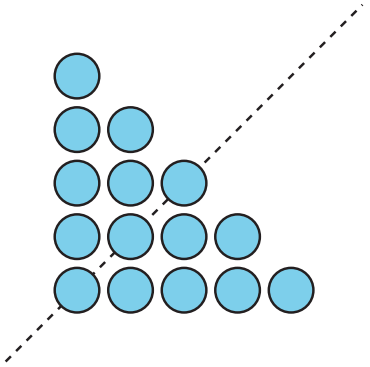
b. Arrange the dots in an array in a different way.

(From Unit 1, Lesson 16.)

6. **Exploration**

Andre says that there are an odd number of circles in this picture.

Do you agree with Andre? Explain or show your reasoning.



7. **Exploration**

Find a collection of objects in the classroom or at home that is arranged in an array.

a. Describe the objects.

b. Create a drawing of the objects.

c. Write an equation showing how many objects there are.