Unit 1, Lesson 18

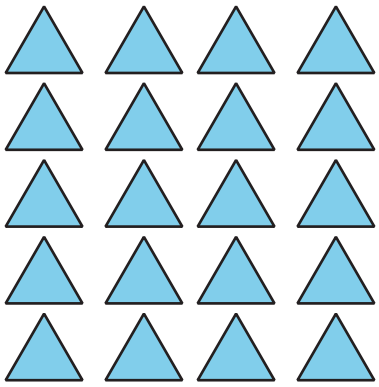
Represent Arrays with Expressions

Let's represent situations with arrays and expressions.

Warm-up

How Many Do You See: An Array of Shapes

How many do you see? How do you see them?



Activity 1

Represent Array Situations

1. Use objects or drawings to represent each situation with an array.
   a. There are 3 rows of chairs. Each row has 5 chairs.

   b. There are 4 rows of cars. Each row has 5 cars in it.

   c. There are 2 rows of eggs. Each row has 6 eggs.

d. There are 2 teams of students lined up. Each team has 10 students.

2. Write a multiplication expression to represent each situation.

   a. _____

   b. _____

   c. _____

   d. _____

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Activity 2

Connect Arrays to Expressions

Draw an array for each multiplication expression. Be prepared to share your reasoning.

1. 2×3

2. 5×2

3. 4×4