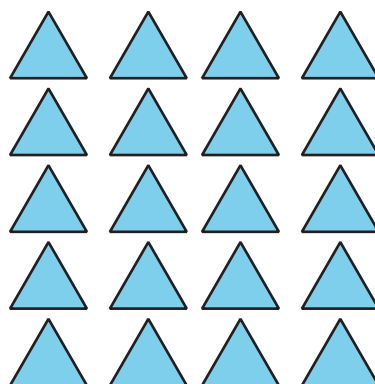


Lesson 18: Represent Arrays with Expressions

- 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?



18.1: Represent Array Situations

Use objects or drawings to represent each situation with an array.

1. There are 3 rows of chairs. Each row has 5 chairs.

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

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

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

Write a multiplication expression to represent each situation.

18.2: Connect Arrays to Expressions

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

$$1. 2 \times 3$$

$$2. 5 \times 2$$

$$3. 4 \times 4$$