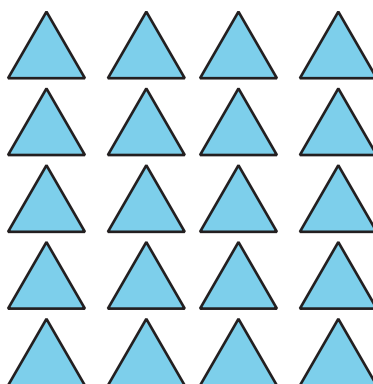


# Lesson 18: Represent Arrays with Expressions

- 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.  $4 \times 4$