Unit 1, Lesson 9

Multiplication for Equal Groups

Let's work with equal groups of things.

Warm-up

Number Talk: More Addition

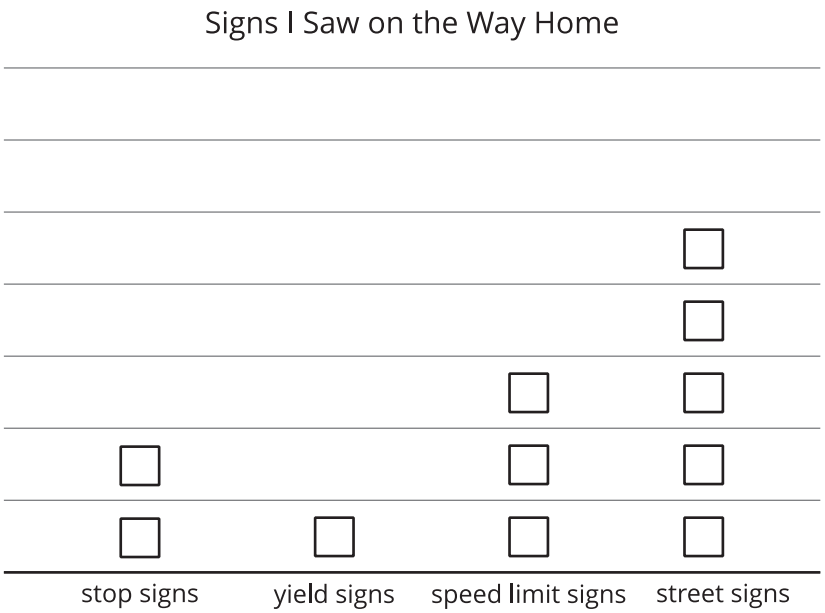
Find the value of each expression mentally.

- $40 + 35$
- $45 + 35$
- $45 + 36$
- $34 + 58$

Activity 1

From Scaled Graphs to Equal Groups

Elena collected data about signs she saw on the way home. The data is shown in this picture graph:



Each ☐ represents 2 signs.

1. Represent the number of speed limit signs Elena saw on the way home.

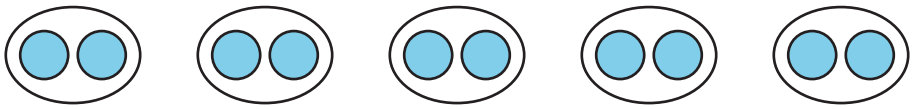
2. Which statement describes how the graph represents the number of speed limit signs Elena saw? Explain your reasoning.

   A. There are 3 pictures, and each picture represents 1 speed limit sign.

   B. There are 3 pictures, and each picture represents 2 speed limit signs.

   C. There are 2 pictures, and each picture represents 2 speed limit signs.

3. How could this drawing represent the street signs Elena saw on the way home?



Activity 2

Situations with Equal Groups

Represent each situation.

1. There are 4 people wearing shoes. Each person is wearing 2 shoes.

2. There are 2 boxes of markers. Each box has 10 markers.

3. There are 3 basketball teams. Each team has 5 players.