Unit 1, Lesson 3

Scaled Picture Graphs

Let's explore scaled picture graphs.

Warm-up

Number Talk: Addition

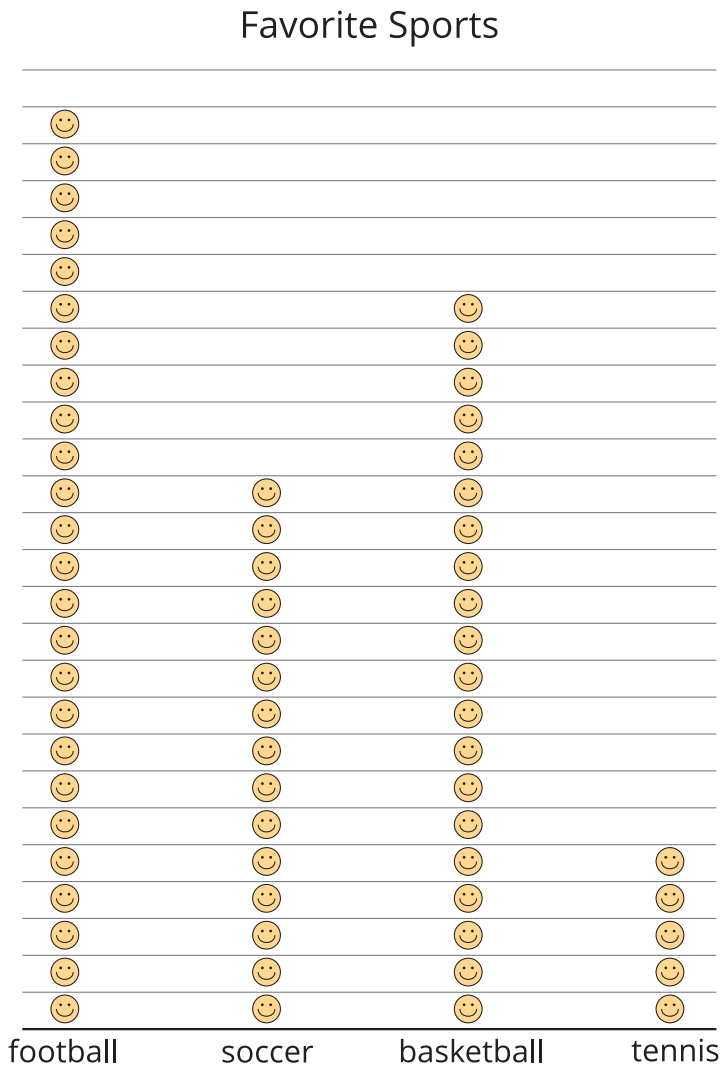
Find the value of each expression mentally.

- $50 + 10$
- $50 + 12$
- $60 + 13$
- $65 + 13$

Activity 1

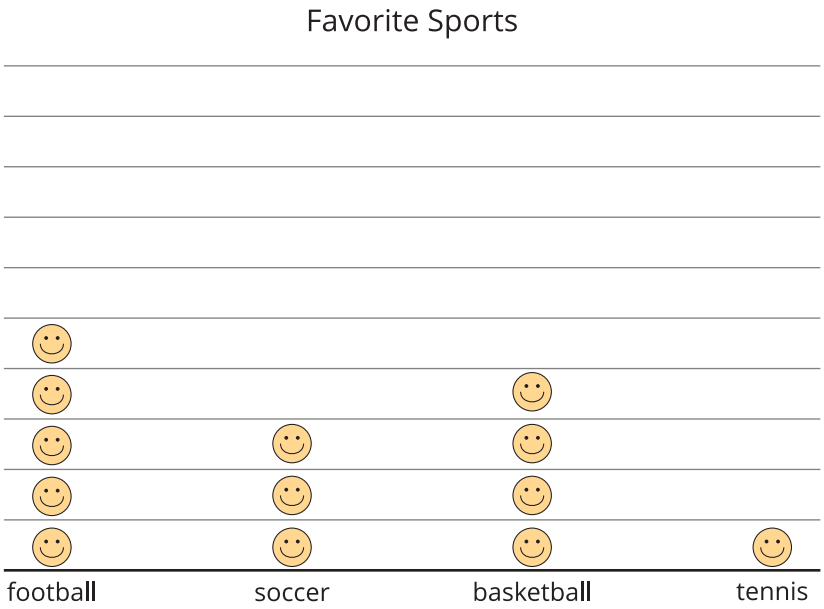
So Many Responses

1. A group of students were asked, “Which of these 4 sports is your favorite?” Their responses are shown in this picture graph:



How many students are represented in the graph? _____

2. The students' responses are also shown in this picture graph:



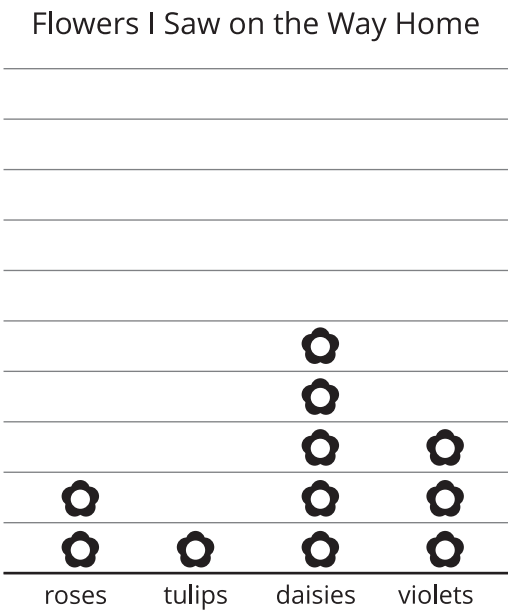
Each ☺ represents 5 students.

How is counting the total number of students in this graph different from counting the total number of students in the first graph?

Activity 2

Questions about Scaled Picture Graphs

1. Andre collects data about 4 types of flowers he sees on the way home. The data is shown in this picture graph:

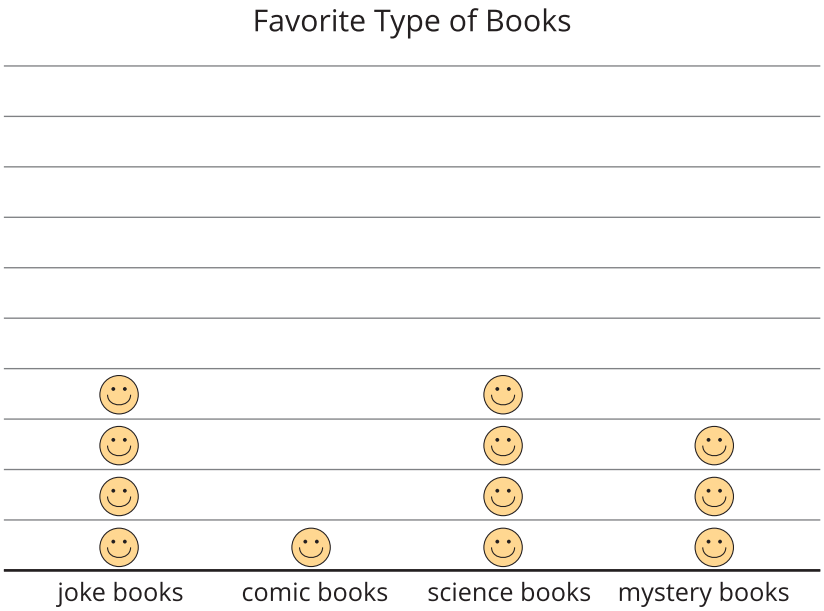


   a. How many of each type of flower did Andre see on the way home?

      roses _____ tulips _____ daisies _____ violets _____

   b. Write 2 questions that can be answered by reading the graph.

2. A group of students were asked, “Which is your favorite type of book?” Their responses are shown in this picture graph:



Each ☺ represents 2 students.

a. How many students chose each type of book? How do you know?

b. Write 2 questions that can be answered by reading the graph.