More Questions about Scaled Bar Graphs

Let's solve problems using data shown on bar graphs.

Warm-up

Number Talk: Repeated Addition

Find the value of each expression mentally.

- $2 + 2 + 2 + 2 + 2$

- $2 + 2 + 2 + 2 + 2 + 2$

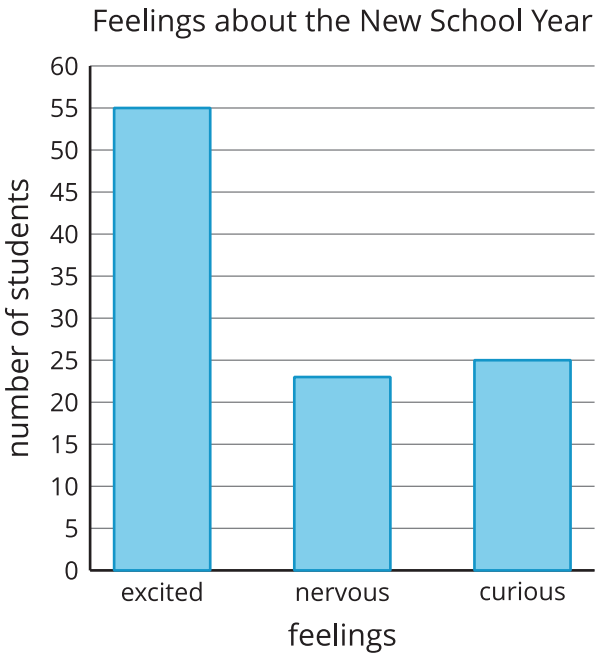
- $5 + 5 + 5 + 5 + 5 + 5$

- $5 + 5 + 5 + 5 + 5 + 5 + 5$

Activity 1

New School Year

A group of students were asked, “Which way do you feel about the new school year?” Their responses are shown in this bar graph:

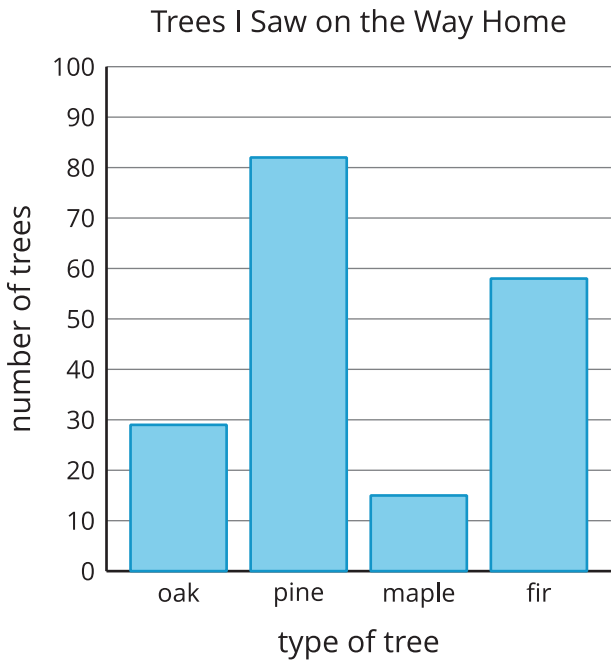


How many more students are excited about the new school year than are nervous or curious?

Activity 2

Use Bar Graphs to Solve Problems

The bar graph shows how many of the 4 types of trees Clare saw on the way home. Use the graph to answer the questions. Show your thinking using expressions or equations.



1. How many more pine trees did Clare see than fir trees?

2. How many more pine trees did Clare see than oak or maple trees?

3. How many fewer oak trees did Clare see than pine trees?

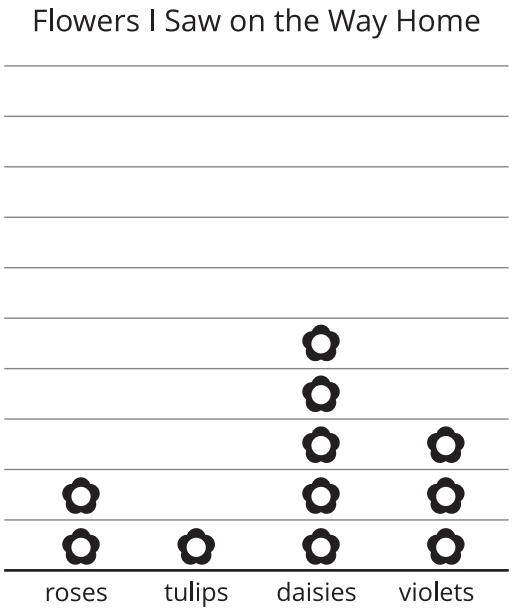
4. How many fewer maple or oak trees did Clare see than fir trees?

Section A Summary

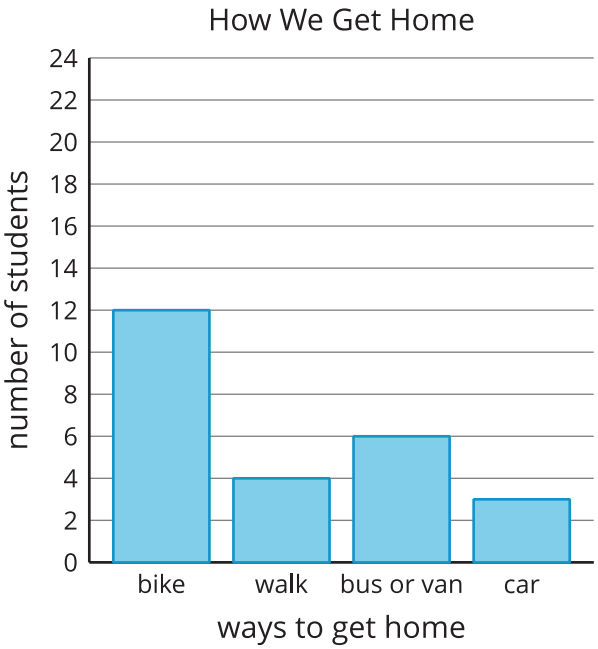
We created **scaled picture graphs** and **scaled bar graphs**.

The **key** tells what each picture represents in a picture graph.

The **scale** tells what number each bar represents in a bar graph.



Each ✿ represents 5 flowers.



We asked and answered questions about data represented in the graphs.

- How many more daisies were seen than violets?
- How many fewer students walk home than bike home?
- How many more students bike home than walk or ride in a car?