Create Scaled bar Graphs

Materials needed: pencil

Let's...

MAKE A SCALED BAR GRAPH

Warm Up: Number Talk: Twos and Fives

Find the value of each expression mentally

Quiet think time..

1:00

$$2+2+2+2$$
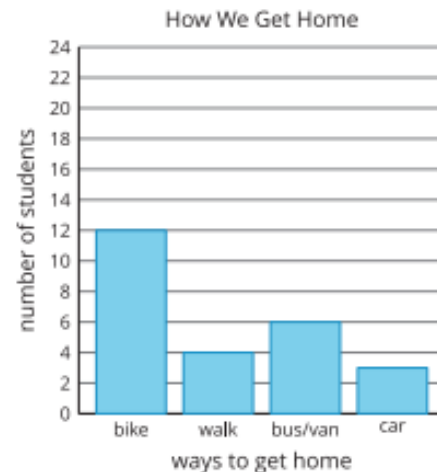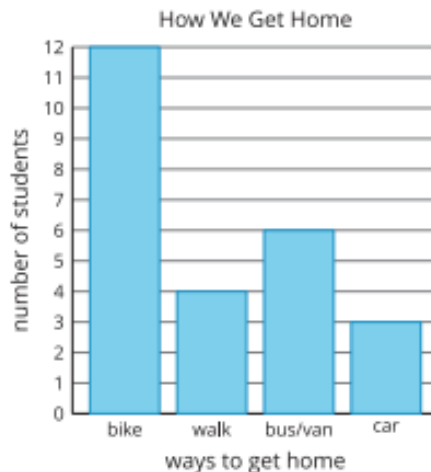
$$2+2+2+2+2+2+2+2$$

$$5+5+5+5$$

$$5+5+5+5+5+5+5+5$$

Warm-Up Synthesis

★ How did the first two problems help you solve the third and fourth problems?

★ Did anyone approach the problem in a different way?

Activity 1: Compare Bar Graphs

How are these bar graphs alike?

How are they different?

Activity Synthesis

What was the same? What was different?

Why would it be helpful to make a scaled bar graph?

Activity 2: Create a Scaled Bar Graph

Today, we will represent the data we collected yesterday about ways we would like to travel in a scaled bar graph.

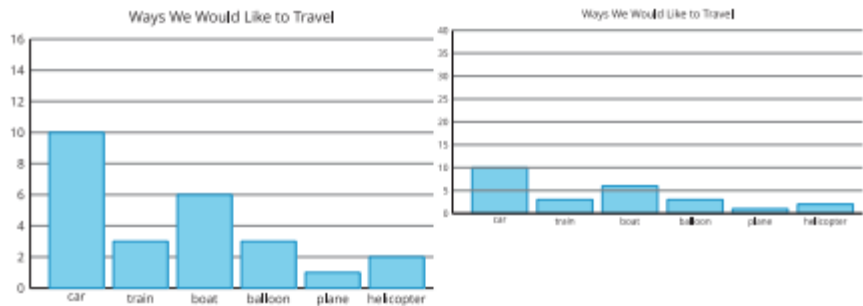Decide with your partner whether you want to use a scale of 2 or 5.

Be prepared to explain your choice. If you have time, try making one graph with a scale of 2 and one with a scale of 5
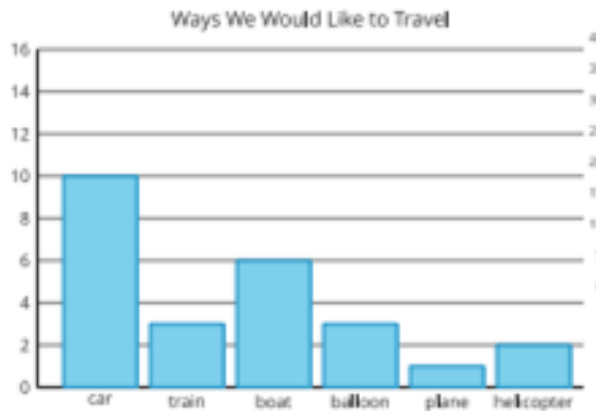
12:00

Activity Synthesis

What scale did you and your partner choose? Why?

How did you represent a way of travel that didn't land right on the numbers in the scale?

What differences do you notice when the graph is scaled by 2 or 5?

Lesson Synthesis

Ways We Would Like to Travel

We've been learning about how to scale bar graphs.

- If you were going to help a friend create a scaled bar graph, what advice would you give them?