

Homework & Practice 13-5

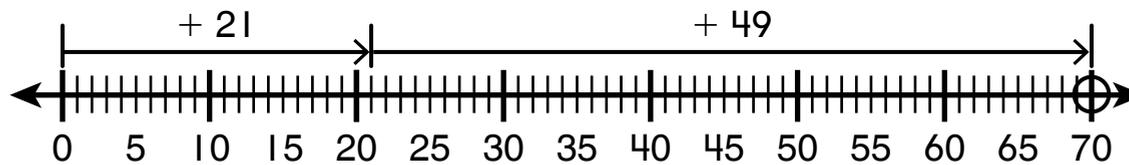
Use Appropriate Tools

Another Look! What tool would you use to solve this problem?

Valerie drives 21 miles on Monday and 49 miles on Tuesday.
How many miles does she drive in all?



Centimeter cubes will take a long time to count. Choose the tool that makes the most sense.



$$\underline{21} + \underline{49} = \underline{70}$$

Valerie drives 70 miles in all.

You can draw a number line to solve this problem.



HOME ACTIVITY Ask your child to explain what tool he or she would use to solve this problem: *Measure the length of a door and a window to the nearest foot. How much longer is the door than the window?*



Choose a tool to help you solve the problem. Show your work. Explain why you chose that tool and how you got your answer.

- Aaron was 38 inches tall when he was 4 years old. Aaron is 8 years old and 47 inches tall. How many inches did Aaron grow?

© Performance Assessment

Trains

Mr. Bolt needs to measure the length of a train. The first car is the engine car. It is 8 meters long. There are also four boxcars. Each boxcar is 12 meters long.

Help Mr. Bolt find the total length of the train.



2. **MP.1 Make Sense** What information is given? What do you need to find?

3. **MP.4 Model** Write an equation to show the unknown.

What unit of measure will you use?

4. **MP.5 Use Tools** What is the total length of the train?

Choose a tool to solve the problem. Show your work. _____