

Guided Practice

12.4

NAME _____

Module 12 Attributes and Tools
Lesson 4 Measurement: Distance

Set 1

- 1 Draw a line segment that is $6\frac{1}{8}$ inches long.



- 2 Find the length of the paper clip to the nearest quarter inch.



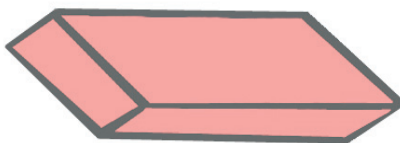
Nearest quarter inch: 2 in.

Set 2

- 1 Draw a line segment that is 43 millimeters long.



- 2 Find the length of the eraser to the nearest centimeter.



Nearest centimeter: 5 cm

Set 3

- 1 Fran walks four miles and 3,500 feet of a six mile trail. How much farther must she walk to reach the end of the trail?

$$\begin{array}{r} 5 \text{ mi } 5,280 \text{ ft} \\ \cancel{6 \text{ mi}} \\ - 4 \text{ mi } 3,500 \text{ ft} \\ \hline 1 \text{ mi } 1,780 \text{ ft} \end{array}$$

She will walk another one mile 1,780 feet.

- 2 Add.

$$\begin{array}{r} 3 \text{ ft } 9 \text{ in.} \\ 10 \text{ in.} \\ + 2 \text{ ft } 8 \text{ in.} \\ \hline \end{array}$$

$$\begin{array}{r} 5 \text{ ft } 27 \text{ in.} \\ 5 \text{ ft } (2 \text{ ft } 3 \text{ in.}) \\ 7 \text{ ft } 3 \text{ in.} \end{array}$$

Set 4

- 1 Calvin built a model ship and made the floorboard by joining a length of wood 60 millimeters long to a piece of wood four centimeters long. The floorboard was too long, so he trimmed off 0.3 centimeter. How long was the floorboard after he trimmed it?

$$60 \text{ mm} + 4 \text{ cm} = 6 \text{ cm} + 4 \text{ cm} = 10 \text{ cm}$$

$$10 \text{ cm} - 0.3 \text{ cm} = 9.7 \text{ cm}$$

The floorboard was 9.7 cm long.