

Name: \_\_\_\_\_  
Mr. Williams

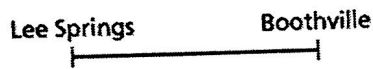
Date: 12-4  
Class: \_\_\_\_\_

Homework: Scale Drawing

Emma is making a scale drawing of her farm using the scale  $1 \text{ cm} = 2.5 \text{ ft}$ . In the drawing, she drew a well with a diameter of 0.5 centimeter. Which is closest to the actual circumference of the well?

- A 1 foot
- B 2 feet
- C 4 feet
- D 5 feet

The figure below shows the distance between two cities on a map. The scale of the map is  $\frac{1}{8}$  inch = 12 miles.



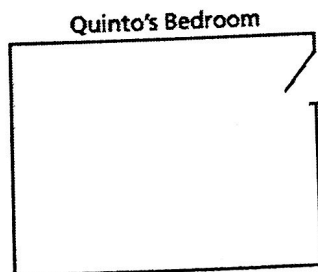
The Mitchell family drove from Lee Springs to Boothville in  $3\frac{3}{4}$  hours. What was their approximate average speed?

- A 38.4 miles per hour
- B 44.8 miles per hour
- C 54.4 miles per hour
- D 57.6 miles per hour

Candice bought 3 shirts. Each shirt cost the same amount and was discounted by \$3.66. Candice paid a total of \$62.31 before tax. How much did each shirt cost before the discount?

- A \$19.55
- B \$20.77
- C \$24.43
- D \$28.09

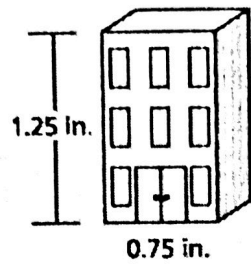
The figure below is a scale drawing of Quinto's bedroom. The scale used to create the drawing is  $\frac{1}{2}$  inch = 4 feet.



What is the approximate area of Quinto's bedroom?

- A  $62 \text{ ft}^2$
- B  $169 \text{ ft}^2$
- C  $192 \text{ ft}^2$
- D  $234 \text{ ft}^2$

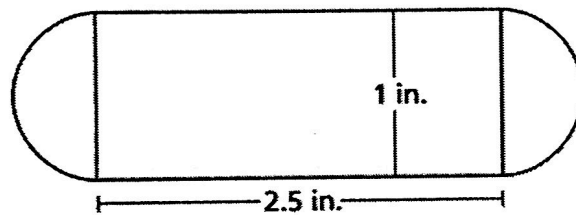
The drawing of a building, shown below, has a scale of 1 inch to 30 feet.



What is the actual height, in feet, of the building?

- A 22.5
- B 24
- C 37.5
- D 40

The city is planning to add a fish pond to a neighborhood park. The figure below is a scale drawing of the fish pond. Its scale is  $\frac{1}{2}$  inch = 15 feet.



To the nearest hundredth, what is the area of the actual fish pond?

*Show your work.*

**Answer** \_\_\_\_\_

The city will place a low fence around the entire fish pond. To the nearest hundredth, how long will the fence be?

*Show your work.*

**Answer** \_\_\_\_\_