

ClassScope - Windows Internet Explorer

cosobtd - GI:Scale Drawings

Item 10

Flag

?

Karen has a map with a scale of 1 inch = 20 miles. The distance she needs to travel measures  $5\frac{1}{2}$  inches on the map. What is the actual distance Karen will travel?

- (A) 4 miles
- (B) 26 miles
- (C) 110 miles
- (D) 120 miles

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Item 20

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The scale on a map is 1 inch = 50 miles. The actual distance between two cities is 475 miles. What is the distance between the cities on the map?

- (A) 4.75 in.
- (B) 8.50 in.
- (C) 9.00 in.
- (D) 9.50 in.

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The scale on a map is 1 inch =  $2\frac{1}{2}$  miles. The distance between two streets on the map is  $1\frac{3}{4}$  inches. What is the actual distance between these streets?

(A)  $1\frac{3}{7}$  miles

(B)  $2\frac{3}{8}$  miles

(C)  $4\frac{1}{4}$  miles

(D)  $4\frac{3}{8}$  miles

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A scale drawing of Lauren's house is shown below. A scale of 1 cm = 0.5 m was used to make the drawing.

What is the area of the actual living room in Lauren's house?

(A)  $22.5 \text{ m}^2$

(B)  $45 \text{ m}^2$

(C)  $67.5 \text{ m}^2$

(D)  $90 \text{ m}^2$

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A 10-ft tree makes an 18-ft shadow. *About* how tall is a person who makes a 12-ft shadow at the same time?

(A) 4.0 ft

(B) 6.7 ft

(C) 12.9 ft

(D) 15.0 ft

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consolidated - GI:Scale Drawings Item 50

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The scale on a map is 1 inch =  $2\frac{1}{2}$  miles. If two landmarks on the map are  $1\frac{3}{4}$  inches apart, what is the actual distance between them?

(A)  $\frac{7}{10}$  mile

(B)  $2\frac{3}{8}$  miles

(C)  $3\frac{1}{2}$  miles

(D)  $4\frac{3}{8}$  miles

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A 600-ft tall building is represented by a 30-in. tall model. Using the same scale, what would be the model size of a 380-ft tall building?

(A) 15 in.

(B) 17 in.

(C) 19 in.

(D) 21 in.

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cosolidat... G1:Scale Drawings Item 8/0

Timothy has a drawing of the family room of a house that he is building.

- The drawing shows the family room to be a rectangle 4 cm wide by 6 cm long.
- The length of the actual family room is 9 m.

What is the actual area of the family room?

(A)  $6 \text{ m}^2$

(B)  $13.5 \text{ m}^2$

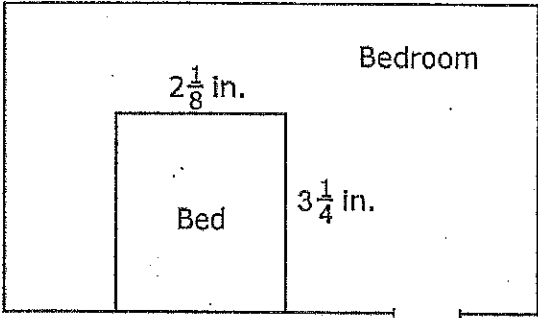
(C)  $54 \text{ m}^2$

(D)  $121.5 \text{ m}^2$

ClassSpace - Windows Internet Explorer

cosolid - G1:Scale Drawings Item 9.0

Elaine drew the model below of her room and bed. The scale of the model is 1 in. = 2 ft.



What is the *approximate* area of her actual bed?

(A) 7 ft<sup>2</sup>    (B) 14 ft<sup>2</sup>    (C) 24 ft<sup>2</sup>    (D) 28 ft<sup>2</sup>

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cosolid - G1:Scale Drawings Item 10.0

On a scale drawing for a house, the dining room is 3 inches by  $3\frac{1}{2}$  inches.

- The scale for the drawing is  $\frac{1}{2}$  inch = 2 feet.
- Flooring costs \$2.75 per square foot.

How much will it cost to put new flooring in the dining room?

(A) \$115.50

(B) \$143.00

(C) \$303.18

(D) \$462.00

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