



Name _____ Class _____ Date _____

1 Tyrone is using a map to see how far it is to his uncle's house. He measures **7 inches**. The **scale** is **2.5 in. = 15 miles**. How far away is his uncle's house?

- A 5.4 miles
- B 17.5 miles
- C 42 miles
- D 105 miles

3 Crischienda is making a model of a bridge. She is using a **scale** of **$\frac{1}{2}$ in. = 2 ft**. If the bridge deck is **17 in.** in her model, how long is the real bridge deck?

- A 102 ft
- B 102 in
- C 56 ft
- D 56 in

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PREVIEW

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- A 48 ft
- B 73.6 ft
- C 368 ft
- D 441.6 ft

9 The town engineers are building a model of their town. The **scale** they are using is **1 cm = 4 miles**. If the model town measures **8.5 cm** wide, how wide is the real town?

- A 2.125 miles
- B 21.25 miles
- C 34 miles
- D 44 miles

2 An engineer is designing a house. He uses a **scale** of **$\frac{1}{4}$ in. = 1 ft**. He draws a room to be **7 in. x 7.5 in.** What will the actual room dimensions be?

- A 35 ft x 37.5 ft
- B 28 ft x 35 ft
- C 28 ft x 37.5 ft
- D 28 ft x 30 ft

4 An interior designer is using a computer program to furnish a room. The **scale** is **1 in. = 3 ft**. If the couch in the room is **7 ft** long, how long should it be for the computer program?

- A $\frac{1}{2}$ in.
- C $1\frac{9}{10}$ in.

puzzle be?

- A 66.5 cm
- B 27 cm
- C 17.5 cm
- D 13.3 cm

10 At the naval park, a submarine is **78 feet** long. The gift shop sells a model submarine with a **scale** of **$\frac{4}{7}$ in. to 4.5 feet**. How long will the model submarine be?

- A $8\frac{1}{3}$ in.
- B 11 in.
- C $13\frac{1}{3}$ in.
- D 13 in.



ANSWER KEY

Tyrone is using a map to see how far it is to his uncle's house. He measures **7 inches**. The **scale** is **2.5 in. = 15 miles**. How far away is his uncle's house?

(c)

- A** 5.4 miles **C** 42 miles
- B** 17.5 miles **D** 105 miles

An engineer is designing a house. He uses a **scale** of **$\frac{1}{4}$ in. = 1 ft.** He draws a room to be **7 in. x 7.5 in.** What will the actual room dimensions be?

(d)

- A** 35 ft x 37.5 ft **C** 28 ft x 37.5 ft
- B** 28 ft x 35 ft **D** 28 ft x 30 ft

Crischienda is making a model of a bridge. She is using a **scale** of **$\frac{1}{2}$ in. = 2 ft.** If the bridge deck is **17 in.** in her model, how long is the real bridge deck?

(b)

- A** 102 ft **C** 56 ft
- B** 68 ft **D** 34 ft

An interior designer is using a computer program to furnish a room. The **scale** is **1 in. = 3 ft.** If the couch in the room is **7 ft** long, how long should it be for the computer program?

(d)

- A** $\frac{1}{2}$ in. **C** $1\frac{9}{10}$ in.

PREVIEW

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- A** 46 ft
- B** 73.6 ft
- C** 368 ft
- D** 441.6 ft

- A** 66.5 cm **C** 17.5 cm
- B** 27 cm **D** 13.3 cm

The town engineers are building a model of their town. The **scale** they are using is **1 cm = 4 miles**. If the model town measures **8.5 cm** wide, how wide is the real town?

(c)

- A** 2.125 miles **C** 34 miles
- B** 21.25 miles **D** 44 miles

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(d)

- A** $8\frac{1}{3}$ in. **C** $13\frac{1}{3}$ in.
- B** 11 in. **D** 13 in.