Name: _____

Finding Model Lengths from Scale

Solve each problem. Include units.

1. The scale on a model is 1 in = 8 ft. A real bridge is 96 ft long. How long is the model bridge?

   Answer: _____

2. The scale on a model is 1 in = 4 ft. A real bridge is 24 ft long. How long is the model bridge?

   Answer: _____

3. The scale on a model is 1 in = 10 ft. A real bridge is 40 ft long. How long is the model bridge?

   Answer: _____

4. The scale on a model is 1 in = 8 ft. A real bridge is 64 ft long. How long is the model bridge?

   Answer: _____

5. The scale on a model is 1 in = 5 ft. A real bridge is 80 ft long. How long is the model bridge?

   Answer: _____

6. The scale on a model is 1 in = 2 ft. A real bridge is 28 ft long. How long is the model bridge?

   Answer: _____

7. The scale on a model is 1 in = 4 ft. A real bridge is 20 ft long. How long is the model bridge?

   Answer: _____

8. The scale on a model is 1 in = 4 ft. A real bridge is 44 ft long. How long is the model bridge?

   Answer: _____

9. The scale on a model is 1 in = 5 ft. A real bridge is 90 ft long. How long is the model bridge?

   Answer: _____

10. The scale on a model is 1 in = 2 ft. A real bridge is 16 ft long. How long is the model bridge?

    Answer: _____

Name: **ANSWER KEY**

Finding Model Lengths from Scale

Solve each problem. Include units.

1. The scale on a model is 1 in = 8 ft. A real bridge is 96 ft long. How long is the model bridge?

Answer: 12 in

2. The scale on a model is 1 in = 4 ft. A real bridge is 24 ft long. How long is the model bridge?

Answer: 6 in

3. The scale on a model is 1 in = 10 ft. A real bridge is 40 ft long. How long is the model bridge?

Answer: 4 in

4. The scale on a model is 1 in = 8 ft. A real bridge is 64 ft long. How long is the model bridge?

Answer: 8 in

5. The scale on a model is 1 in = 5 ft. A real bridge is 80 ft long. How long is the model bridge?

Answer: 16 in

6. The scale on a model is 1 in = 2 ft. A real bridge is 28 ft long. How long is the model bridge?

Answer: 14 in

7. The scale on a model is 1 in = 4 ft. A real bridge is 20 ft long. How long is the model bridge?

Answer: 5 in

8. The scale on a model is 1 in = 4 ft. A real bridge is 44 ft long. How long is the model bridge?

Answer: 11 in

9. The scale on a model is 1 in = 5 ft. A real bridge is 90 ft long. How long is the model bridge?

Answer: 18 in

10. The scale on a model is 1 in = 2 ft. A real bridge is 16 ft long. How long is the model bridge?

Answer: 8 in