Fill in the missing dimensions. Round your answer to the nearest tenth.

1. The scale factor for a model is 5 cm = _______ m
   Model: 9.5 cm
   Actual: 30.5 m

2. The scale of a map is 2m = 4 mi
   Map: 12 m
   Actual: _____ mi

3. The scale of a map is 2 ft = 10.4 mi
   Map: _______ ft
   Actual: 20.8 mi

4. The scale factor for a model is 7 cm = ______ m
   Model: 40.4 cm
   Actual: 80.6 m

5. The scale of a map is 5 m = 15 mi
   Map: 7.8 m
   Actual: _____ mi

6. The scale of a map is 6 km = 4 mi
   Map: _______ km
   Actual: 40.1 mi

7. The scale factor for a model is 5 cm = ______ m
   Model: 40.2 cm
   Actual: 60.2 m

8. The scale of a map is 4 m = 18 mi
   Map: 6.8 m
   Actual: _____ mi

9. The scale of a map is 4 ft = 16 mi
   Map: _______ ft
   Actual: 80 mi

10. The scale factor for a model is 8 cm = ______ m
    Model: 80.8 cm
    Actual: 90.6 m
Fill in the missing dimensions. Round your answer to the nearest tenth.

1. 16
2. 24
3. 4
4. 14
5. 23
6. 60
7. 7
8. 31
9. 20
10. 9
Topic: Scale factors- Worksheet 2

Fill in the missing dimensions. Round your answer to the nearest tenth.

1. The scale factor for a model is 8 cm = ________ m

   Model: 11.23 cm
   actual: 40.2 m

2. The scale of a map is 3 m = 6 mi

   map: 14 m
   actual: ______ mi

3. The scale of a map is 5 ft = 20.5 mi

   map: _______ ft
   actual: 15.5 mi

4. The scale factor for a model is 8 cm = ________ m

   Model: 30.5 cm
   actual: 70.6 m

5. The scale of a map is 7 m = 14 mi

   map: 14 m
   actual: ______ mi

6. The scale of a map is 8 km = 6 mi

   map: _________ km
   actual: 50.2 mi

7. The scale factor for a model is 10 cm = ________ m

   Model: 80.2 cm
   actual: 40.2 m

8. The scale of a map is 6 m = 15 mi

   map: 8.8 m
   actual: ______ mi

9. The scale of a map is 5 ft = 16.5 mi

   map: ________ ft
   actual: 45.6 mi

10. The scale factor for a model is 12 cm = ________ m

    Model: 65.8 cm
    actual: 95.6 m
Fill in the missing dimensions. Round your answer to the nearest tenth.

1. 29
2. 28
3. 4
4. 19
5. 28
6. 67
7. 5
8. 22
9. 14
10. 17
Fill in the missing dimensions. Round your answer to the nearest tenth.

1. The scale factor for a model is 10 cm = ________ m
   - Model: 10.25 cm
   - actual: 45.5 m

2. The scale of a map is 4 m = 8 mi
   - map: 18 m
   - actual: ______ mi

3. The scale of a map is 24 ft = 8 mi
   - map: _______ ft
   - actual: 16.4 mi

4. The scale factor for a model is 9 cm = ________ m
   - Model: 30.3 cm
   - actual: 60.6 m

5. The scale of a map is 9 m = 18 mi
   - map: 2.7 m
   - actual: _____ mi

6. The scale of a map is 12 km = 6 mi
   - map: ________ km
   - actual: 60.2 mi

7. The scale factor for a model is 20 cm = ________ m
   - Model: 20.2 cm
   - actual: 60.2 m

8. The scale of a map is 5 m = 15 mi
   - map: 3.3 m
   - actual: ______ mi

9. The scale of a map is 4 ft = 16.4 mi
   - map: ________ ft
   - actual: 44.6 mi

10. The scale factor for a model is 18 cm = ________ m
    - Model: 64.6 cm
    - actual: 94.6 m
Fill in the missing dimensions. Round your answer to the nearest tenth.

1. 44
2. 36
3. 49
4. 18
5. 5
6. 120
7. 60
8. 10
9. 11
10. 26
Topic: Scale factors- Worksheet 4

Fill in the missing dimensions. Round your answer to the nearest tenth.

1. The scale factor for a model is 20 cm = ________ m
   
   Model: 20.25 cm
   actual: 50.5 m

2. The scale of a map is 5 m = 15 mi
   
   map: 25 m
   actual: _____ mi

3. The scale of a map is 25 ft = 5 mi
   
   map: ______ ft
   actual: 15.5 mi

4. The scale factor for a model is 12 cm = ________ m
   
   Model: 24.4 cm
   actual: 48.6 m

5. The scale of a map is 14 m = 28 mi
   
   map: 4.8 m
   actual: _____ mi

6. The scale of a map is 18 km = 6 mi
   
   map: ________ km
   actual: 80.6 mi

7. The scale factor for a model is 40 cm = ________ m
   
   Model: 20.2 cm
   actual: 80.2 m

8. The scale of a map is 6 m = 18 mi
   
   map: 6.6 m
   actual: _____ mi

9. The scale of a map is 6 ft = 14.6 mi
   
   map: ________ ft
   actual: 40.6 mi

10. The scale factor for a model is 20 cm = ________ m
    
    Model: 46.6 cm
    actual: 60.6 m
Fill in the missing dimensions. Round your answer to the nearest tenth.

1. 50
2. 75
3. 78
4. 24
5. 10
6. 242
7. 159
8. 20
9. 17
10. 26
Fill in the missing dimensions. Round your answer to the nearest tenth.

1. The scale factor for a model is 15 cm = ________ m
   Model: 25.25 cm
   actual: 55.5 m

2. The scale of a map is 7 m = 14 mi
   map: 28 m
   actual: _____ mi

3. The scale of a map is 30 ft = 5 mi
   map: _______ ft
   actual: 45.5 mi

4. The scale factor for a model is 18 cm = ________ m
   Model: 22.4 cm
   actual: 40.6 m

5. The scale of a map is 16 m = 32 mi
   map: 4.8 m
   actual: _____ mi

6. The scale of a map is 14 km = 4 mi
   map: _______ km
   actual: 82.6 mi

7. The scale factor for a model is 10 cm = ________ m
   Model: 30.2 cm
   actual: 70.2 m

8. The scale of a map is 5 m = 15 mi
   map: 5.5 m
   actual: _____ mi

9. The scale of a map is 7 ft = 14.4 mi
   map: _______ ft
   actual: 24.6 mi

10. The scale factor for a model is 24 cm = ________ m
    Model: 42.6 cm
    actual: 66.6 m
**Scale factors- Worksheet5 ANSWERS**

Fill in the missing dimensions. Round your answer to the nearest tenth.

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