Name: _____   Date _____

Topic : <u>Scale factors- Worksheet 5</u>

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

1   The scale factor for a model is 15 cm = _____ m

Model :   25.25cm

actual: 55.5 m

2   The scale of a map is 7m = 14 mi

map: 28m

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 7ft = 14.4 mi

map: _____ ft

actual: 24.6 mi

10   The scale factor for a model is 24 cm = _____ m

Model :   42.6cm

actual: 66.6 m