

Name: _____

Date _____

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 : 20.25cm

actual: 50.5 m

- 3** The scale of a map is 25 ft = 5 mi

map: _____ ft

actual: 15.5 mi

- 5** The scale of a map is 14 m = 28 mi

map: 4.8 m

actual: _____ mi

- 7** The scale factor for a model is 40 cm
= _____ m

Model : 20.2 cm

actual: 80.2 m

- 9** The scale of a map is 6ft = 14.6 mi

map: _____ ft

actual: 40.6 mi

- 2** The scale of a map is 5m = 15 mi

map: 25m

actual: _____ mi

- 4** The scale factor for a model is 12 cm
= _____ m

Model : 24.4 cm

actual: 48.6 m

- 6** The scale of a map is 18 km = 6 mi

map: _____ km

actual: 80.6 mi

- 8** The scale of a map is 6 m = 18 mi

map: 6.6 m

actual: _____ mi

- 10** The scale factor for a model is 20 cm
= _____ m

Model : 46.6cm

actual: 60.6 m

