

Name: _____

Date _____

Topic : Scale factors- Worksheet 3

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

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

Model : 10.25cm

actual: 45.5 m

- 3** The scale of a map is 24 ft = 8 mi

map: _____ ft

actual: 16.4 mi

- 5** The scale of a map is 9 m = 18 mi

map: 2.7 m

actual: _____ mi

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

Model : 20.2 cm

actual: 60.2 m

- 9** The scale of a map is 4ft = 16.4 mi

map: _____ ft

actual: 44.6 mi

- 2** The scale of a map is 4m = 8 mi

map: 18m

actual: _____ mi

- 4** The scale factor for a model is 9 cm =
_____ m

Model : 30.3 cm

actual: 60.6 m

- 6** The scale of a map is 12 km = 6 mi

map: _____ km

actual: 60.2 mi

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

map: 3.3 m

actual: _____ mi

- 10** The scale factor for a model is 18 cm
= _____ m

Model : 64.6cm

actual: 94.6 m

