

Name: \_\_\_\_\_

Date \_\_\_\_\_

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 : 11.23cm

actual: 40.2 m

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

map: \_\_\_\_\_ ft

actual: 15.5 mi

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

map: 14 m

actual: \_\_\_\_\_ mi

- 7** The scale factor for a model is 10 cm  
= \_\_\_\_\_ m

Model : 80.2 cm

actual: 40.2 m

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

map: \_\_\_\_\_ ft

actual: 45.6 mi

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

map: 14m

actual: \_\_\_\_\_ mi

- 4** The scale factor for a model is 8 cm =  
\_\_\_\_\_ m

Model : 30.5 cm

actual: 70.6 m

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

map: \_\_\_\_\_ km

actual: 50.2 mi

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

map: 8.8 m

actual: \_\_\_\_\_ mi

- 10** The scale factor for a model is 12 cm  
= \_\_\_\_\_ m

Model : 65.8 cm

actual: 95.6 m

