

Quiz: Scale Factors

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

1 The scale of a map is 1 km = 19.5 mi
 map: _____ km
 actual: 9.5 mi

2 The scale of a map is 7 mm = 16 mi
 map: 4.9 mm
 actual: _____ mi

3 The scale factor for a model is 5 cm = _____ m
 Model : 72.5 cm
 actual: 165.3 m

4 The scale of a map is 1 m = 9.6 mi
 map: _____ m
 actual: 34.7 mi

5 The scale of a map is 1 ft = 9.6 mi
 map: _____ ft
 actual: 38.4 mi

6 The scale factor for a model is 5 cm = _____ m
 Model : 22.4 cm
 actual: 155.2 m

7 The scale of a map is 5 m = 10 mi
 map: 8.7 m
 actual: _____ mi

8 The scale of a map is 1 ft = 13.5 mi
 map: _____ ft
 actual: 65.9 mi

9 The scale factor for a model is 5 cm = _____ m
 Model : 61.5 cm
 actual: 143.2 m

10 The scale factor for a model is 5 cm = _____ m
 Model : 29.7 cm
 actual: 179.5 m

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%