

Scales with Maps and Models

Answer each question and round your answer to the nearest whole number.

- 1) Find the distance between San Jose and Rivertown if they are 3 in apart on a map with a scale of 1 in : 10 mi.
30 mi
- 2) Midway and Georgetown are 3 in apart on a map that has a scale of 1 in : 4 mi. How far apart are the real cities?
12 mi
- 3) A model plane has a scale of 1 cm : 2 m. If the model plane is 6 cm tall, then how tall is the real plane?
12 m
- 4) A particular submarine is 12 m long. A model of it was built with a scale of 1 cm : 3 m. How long is the model?
4 cm
- 5) A model statue is 6 in tall. If it was built with a scale of 1 in : 3 ft, then how tall is the real statue?
18 ft
- 6) A model tree is 3 cm tall. If it was built with a scale of 1 cm : 6 m, then how tall is the real tree?
18 m
- 7) Centerville and Fairview are 24 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 8 mi?
3 in
- 8) San Jose and Abbots Rise are 180 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 20 mi?
9 in
- 9) Find the distance between Union and Rivertown on a map with a scale of 1 cm : 3 km if they are actually 6 km apart.
2 cm
- 10) A model rocket is 4 in tall. If it was built with a scale of 1 in : 3 ft, then how tall is the real rocket?
12 ft
- 11) A map has a scale of 1 in : 7 mi. If Milton and Santa Cruz are 2 in apart on the map, then how far apart are the real cities?
14 mi
- 12) A model car is 5 in long. If it was built with a scale of 1 in : 2 ft, then how long is the real car?
10 ft
- 13) Salem and Midway are 10 mi from each other. How far apart would the cities be on a map that has a scale of 1 in : 5 mi?
2 in
- 14) Georgetown and Smithville are 42 km from each other. How far apart would the cities be on a map that has a scale of 1 cm : 7 km?
6 cm