

Scale & Map Problems

Grades 7-8 • Using scale factors with maps and models

Name: _____

Date: _____

1. On a map with scale 1 inch = 500 feet, two cities are 6 inches apart. What is the actual distance in feet?

Answer: _____

2. On a map with scale 1 inch = 500 feet, two cities are 3 inches apart. What is the actual distance in feet?

Answer: _____

3. On a map with scale 1 inch = 1000 feet, what map distance represents 5000 feet?

Answer: _____

4. On a map with scale 1 inch = 500 feet, two cities are 10 inches apart. What is the actual distance in feet?

Answer: _____

5. On a map with scale 1 inch = 1000 feet, what map distance represents 2000 feet?

Answer: _____

6. On a map with scale 1 inch = 500 feet, what map distance represents 2000 feet?

Answer: _____

7. On a map with scale 1 inch = 1000 feet, what map distance represents 4000 feet?

Answer: _____

8. On a map with scale 1 inch = 1000 feet, two cities are 5 inches apart. What is the actual distance in feet?

Answer: _____

9. On a map with scale 1 inch = 100 feet, two cities are 6 inches apart. What is the actual distance in feet?

Answer: _____

10. On a map with scale 1 inch = 1000 feet, two cities are 10 inches apart. What is the actual distance in feet?

Answer: _____

Answer Key

1.	On a map with scale 1 inch = 500 feet, two cities are 6 inches apart. What is the actual distance in feet?	3000 feet
2.	On a map with scale 1 inch = 500 feet, two cities are 3 inches apart. What is the actual distance in feet?	1500 feet
3.	On a map with scale 1 inch = 1000 feet, what map distance represents 5000 feet?	5 inches
4.	On a map with scale 1 inch = 500 feet, two cities are 10 inches apart. What is the actual distance in feet?	5000 feet
5.	On a map with scale 1 inch = 1000 feet, what map distance represents 2000 feet?	2 inches
6.	On a map with scale 1 inch = 500 feet, what map distance represents 2000 feet?	4 inches
7.	On a map with scale 1 inch = 1000 feet, what map distance represents 4000 feet?	4 inches
8.	On a map with scale 1 inch = 1000 feet, two cities are 5 inches apart. What is the actual distance in feet?	5000 feet
9.	On a map with scale 1 inch = 100 feet, two cities are 6 inches apart. What is the actual distance in feet?	600 feet
10.	On a map with scale 1 inch = 1000 feet, two cities are 10 inches apart. What is the actual distance in feet?	10000 feet