Name:	
nume.	_

**1.** On a park map, the distance from a picnic table to the hiking trail is 3 centimeters (cm). The map uses a scale of 2 cm = 150 meters (m). What is the actual distance from the picnic table to the hiking trail?

Α	60 m	В	100 m	С	225 m	D	375 m
_							
2.	On a road map	o, the dista	ance from City	A to City	B is 4 inches	s. The ma	p scale is
1 ir	nch = 20 miles.	What is	the actual dist	ance, in n	niles, betwee	n City A ar	nd City B?
Α	5 miles	В	24 miles	С	48 miles	D	80 miles

**3.** The distance between two cities on a map is 4 inches. The scale on the map is 3 inches = 165 miles. A student incorrectly determines that the distance between the two cities is 660 miles. Which sentence describes the student's mistake?

- A The student did not multiply 660 by 3.
- **B** The student did not divide 660 by 3.
- **C** The student did not multiply 660 by 4.
- **D** The student did not divide 660 by 4.

**4.** Gina is traveling to the beach 20 miles away from her house. On Gina's map, her house and the beach are 4 inches apart. What is the scale used for Gina's map?

Α	1 inch = 5 miles	С	1 inch = 24 miles

**B** 1 inch = 16 miles **D** 1 inch = 80 miles

**5.** A scale drawing of a city plaza in which 1 inch = 1.5 feet is shown below.



To the nearest whole number, what is the area of the actual plaza?

A 81 square feet

- **C** 182 square feet
- **B** 81 square inches **D** 182 square inches

**6.** A map of a city park is drawn to scale. The park is 450 feet by 300 feet. Which dimensions could be the scale drawing of the map?

Α	23 inches × 9 inches	С	9 inches × 6 inches
В	15 inches $\times$ 12 inches	D	5 inches $\times$ 3 inches

7. The scale on a map of Florida is  $1\frac{1}{8}$  inch to 25 miles. The distance on the map from Gainesville to Ocala is  $1\frac{5}{8}$  inches. Based on this information approximately how many miles are there between the two cities?

**A** 14 miles **B** 17 miles **C** 36 miles **D** 41 miles

**8.** The scale on a map of Florida is 2 inches = 50 miles. What is the distance in miles represented by a length on the map of 7 inches?

**A** 175 **B** 250 **C** 350 **D** 700

**9.** The scale on a map is 0.5 centimeter = 3 kilometers. On the map, Town B is 12.5 centimeters away from Town A. What is the actual distance between the towns?

<b>A</b> 4.16 k	n <b>B</b>	18.75 km	C C	37.50 km	D	75.00 km
-----------------	------------	----------	-----	----------	---	----------

**10.** Marcus is drawing a scale map of an area in his town similar to the diagram shown below.



On his map, Marcus drew the fountain 6 inches from Town Hall. To keep his map to scale, what should be the distance, in inches, from the post office to the library?

**A** 4 **B** 9 **C** 25 **D** 56