$\qquad$ Class: $\qquad$

1. On a park map, the distance from a picnic table to the hiking trail is 3 centimeters $(\mathrm{cm})$. The map uses a scale of $2 \mathrm{~cm}=150$ meters $(\mathrm{m})$. What is the actual distance from the picnic table to the hiking trail?
A 60 m
B $\quad 100 \mathrm{~m}$
C $\quad 225 \mathrm{~m}$
D $\quad 375 \mathrm{~m}$
2. On a road map, the distance from City $A$ to City $B$ is 4 inches. The map scale is 1 inch = 20 miles. What is the actual distance, in miles, between City A and City B?
A 5 miles
B 24 miles
C $\quad 48$ 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?
A $\quad 1$ inch $=5$ miles
C $\quad 1$ 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?
A 23 inches $\times 9$ inches
C 9 inches $\times 6$ inches
B $\quad 15$ 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 $\quad 17$ miles
C $\quad 36$ miles
D $\quad 41$ 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?
A $\quad 4.16 \mathrm{~km}$
B $\quad 18.75 \mathrm{~km}$
C $\quad 37.50 \mathrm{~km}$
D $\quad 75.00 \mathrm{~km}$
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

