

Name: \_\_\_\_\_ Class: \_\_\_\_\_

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?

- A** 60 m                      **B** 100 m                      **C** 225 m                      **D** 375 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** 48 miles                      **D** 80 miles

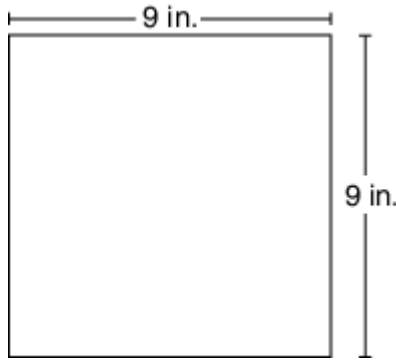
3. The distance between two cities on a map is 4 inches. The scale on the map is 3 inches = 165 miles. A student incorrectly determines that the distance between the two cities is 660 miles. Which sentence describes the student's mistake?

- 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** 1 inch = 5 miles                      **C** 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?

- |          |                  |          |                   |
|----------|------------------|----------|-------------------|
| <b>A</b> | 81 square feet   | <b>C</b> | 182 square feet   |
| <b>B</b> | 81 square inches | <b>D</b> | 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?

- |          |                       |          |                     |
|----------|-----------------------|----------|---------------------|
| <b>A</b> | 23 inches × 9 inches  | <b>C</b> | 9 inches × 6 inches |
| <b>B</b> | 15 inches × 12 inches | <b>D</b> | 5 inches × 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?

- |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>A</b> | 14 miles | <b>B</b> | 17 miles | <b>C</b> | 36 miles | <b>D</b> | 41 miles |
|----------|----------|----------|----------|----------|----------|----------|----------|

