

Test, Form 1A *(continued)*

SCORE _____

7. What is the classification of the triangle by its angles and by its sides?

- A. acute, equilateral
- B. right, equilateral
- C. obtuse, isosceles
- D. obtuse, equilateral



7. _____

8. On a scale drawing, the scale is $\frac{1}{2}$ inch = 1 foot. What are the dimensions on the scale drawing for a room that is 22 feet by 17 feet?

- F. $\frac{17}{12}$ in. by $9\frac{1}{2}$ in.
- G. $1\frac{5}{17}$ in. by $1\frac{1}{3}$ in.
- H. $5\frac{1}{2}$ in. by $4\frac{1}{4}$ in.
- I. 11 in. by $8\frac{1}{2}$ in.

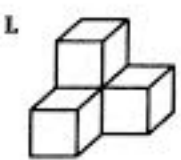
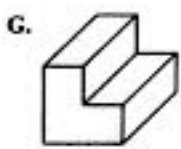
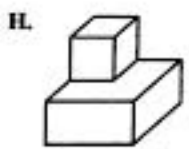
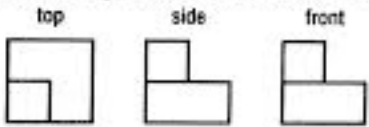
8. _____

9. On a map, the scale is 1 inch = 125 miles. What is the actual distance between two cities if the map distance is 4 inches?

- A. 525 mi
- B. 505 mi
- C. 500 mi
- D. $281\frac{1}{4}$ mi

9. _____

10. Which solid has the top, the side, and the front views given?

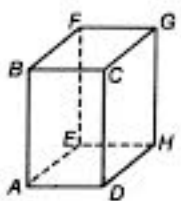


10. _____

Use the figure shown on the right.

11. What is the classification of the figure?

- A. rectangular pyramid
- B. pentagonal prism
- C. rectangular prism
- D. pentagonal pyramid



11. _____

12. What would be the cross section of a rectangular prism that is sliced horizontally?

- F. rectangle
- G. triangle
- H. circle
- I. trapezoid

12. _____