

Assessment

Circle the letter that corresponds to the correct answer.

1. What size is an object drawn at a scale of $6'' = 1'$?
 - a. $1/24$
 - b. $1/12$
 - c. $1/4$
 - d. $1/2$

2. The length of an object measures 36 in. What would the length of the object be on paper if drawn using a $3'' = 1'$ scale?
 - a. 4"
 - b. 6"
 - c. 9"
 - d. 12"

3. Which type of view is a cutaway that reveals the interior part of an object?
 - a. Detail
 - b. Sectional
 - c. Top
 - d. Side

4. Symbols in a working drawing are used to represent:
 - a. building materials.
 - b. dimensions.
 - c. procedural steps.
 - d. views.

Match the description in column B to the correct line name in column A.

A	B
_____ 5. Border	a. Thin line that is made of long, short, long segments
_____ 6. Object	b. Thin, solid line with arrowheads on each end
_____ 7. Hidden	c. Heavy, solid line that encloses the drawing
_____ 8. Dimension	d. Thin line that marks the edge of a part to be dimensioned
_____ 9. Extension	e. Line with one arrowhead that usually is accompanied by a note
_____ 10. Break	f. Solid line with zigzags
_____ 11. Center	g. Dashed line used to show edges that cannot be seen in drawing
_____ 12. Leader	h. Solid line used to show visible edges

Complete the following short-answer questions.

13. List two benefits of using a working drawing to build a project.

a.

b.

14. List four pieces of information found in a title block.

a.

b.

c.

d.