

In each of the following groups of drawings the top view and front elevation of an object are shown at the left. At the right are four drawings, one of which represents the end elevation of the object as seen from the right. Select the drawing which represents the correct end elevation and mark the answer sheet with the letter of this drawing on line with the number of the question.

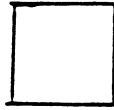
The first group is shown as an example only. The correct answer is C.



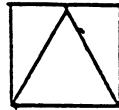
TOP VIEW



FRONT VIEW



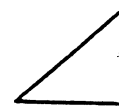
(A)



(B)

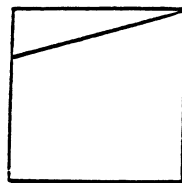
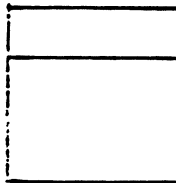
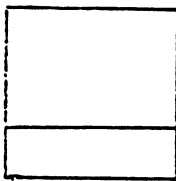


(C)

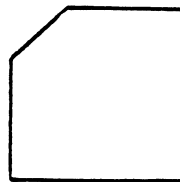


(D)

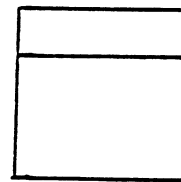
1.



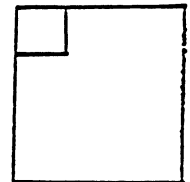
(A)



(B)

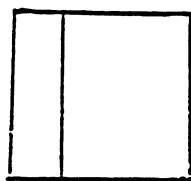
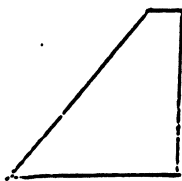
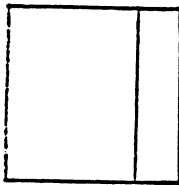


(C)

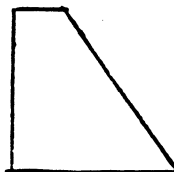


(D)

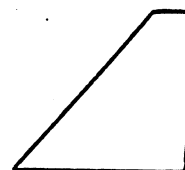
2.



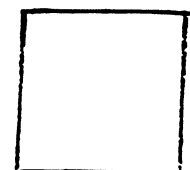
(A)



(B)



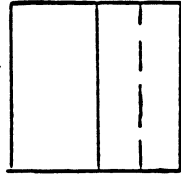
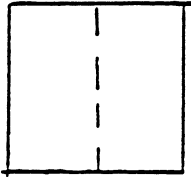
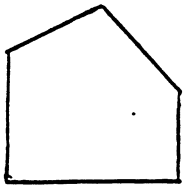
(C)



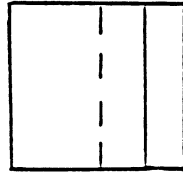
(D)

1. (B) 2. (D)

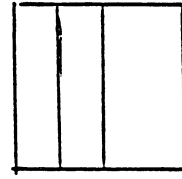
3.



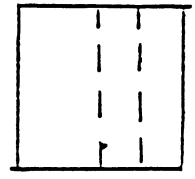
(A)



(B)

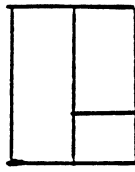
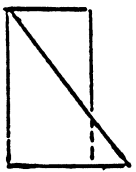
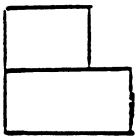


(C)

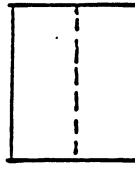


(D)

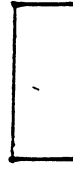
4.



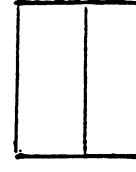
(A)



(B)

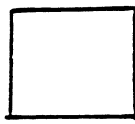
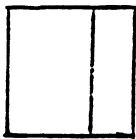


(C)

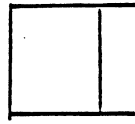


(D)

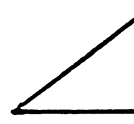
5.



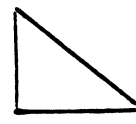
(A)



(B)

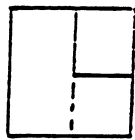
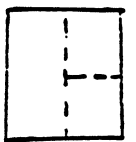
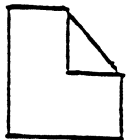


(C)

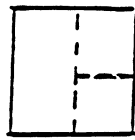


(D)

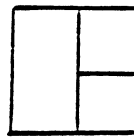
6.



(A)



(B)



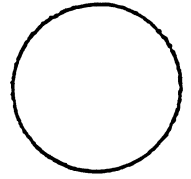
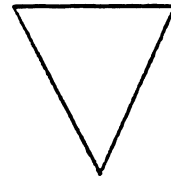
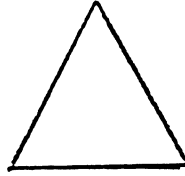
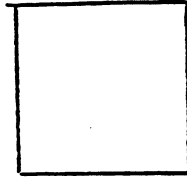
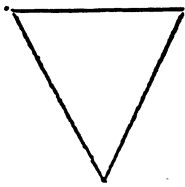
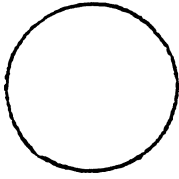
(C)



(D)

3. (A) 4. (D) 5. (A) 6. (C)

7.



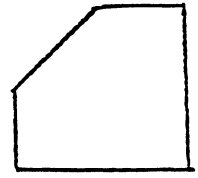
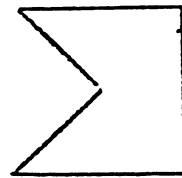
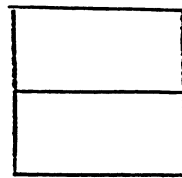
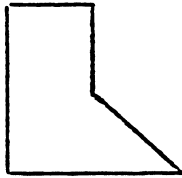
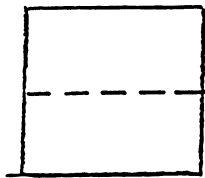
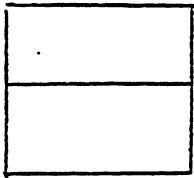
(A)

(B)

(C)

(D)

8.



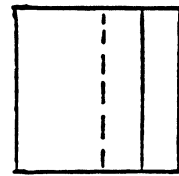
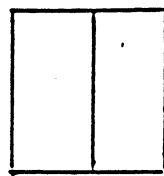
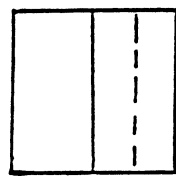
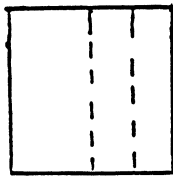
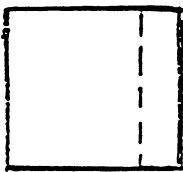
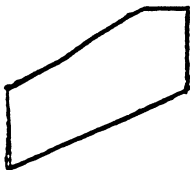
(A)

(B)

(C)

(D)

9.



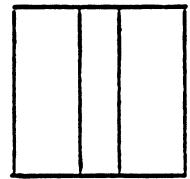
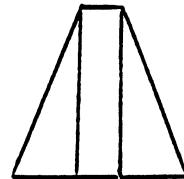
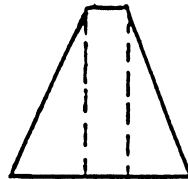
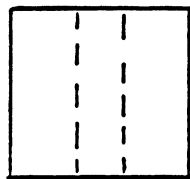
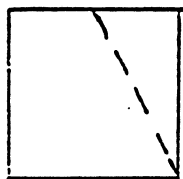
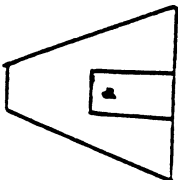
(A)

(B)

(C)

(D)

10.



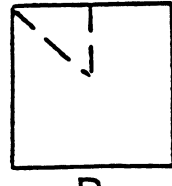
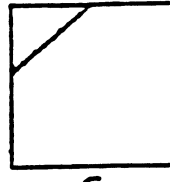
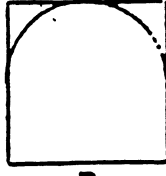
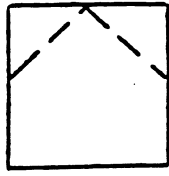
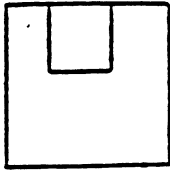
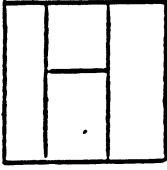
(A)

(B)

(C)

(D)

11.



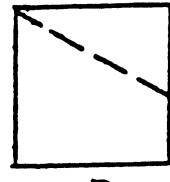
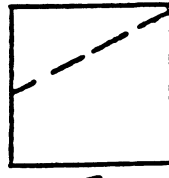
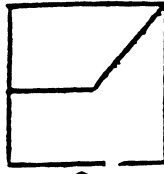
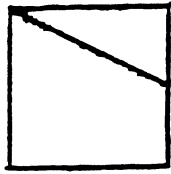
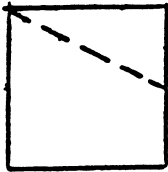
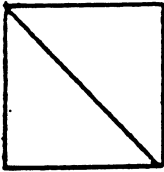
A

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D

12.



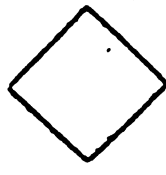
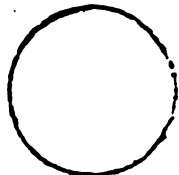
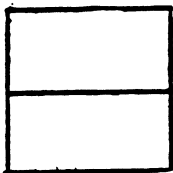
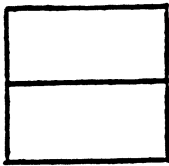
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13.



A

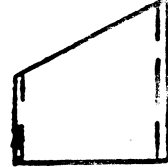
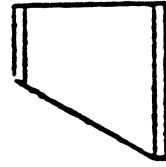
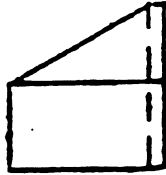
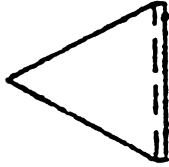
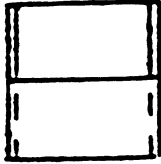
B

C

D

11.. (A) 12. (A) 13. (D)

14.



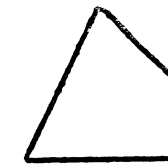
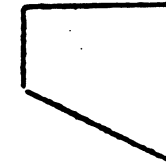
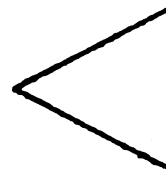
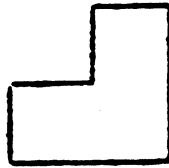
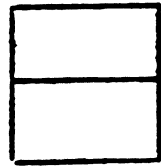
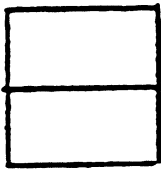
A

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15.



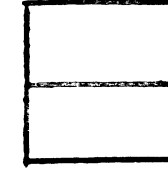
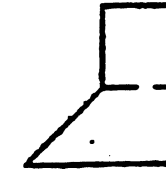
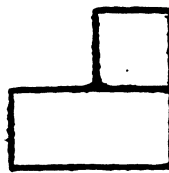
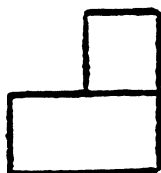
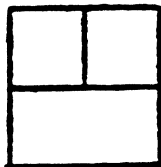
A

B

C

D

16.



A

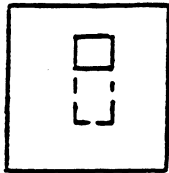
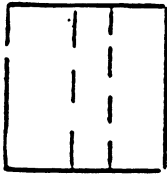
B

C

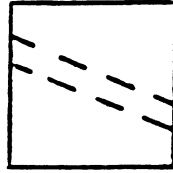
D

14. (D) 15. (A) 16. (C)

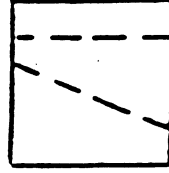
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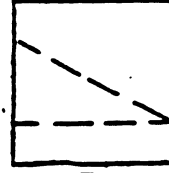
A



B

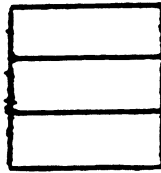
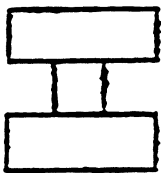
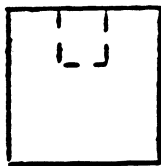


C

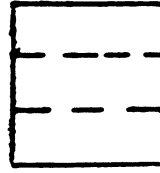


D

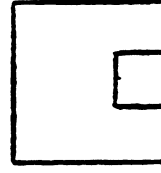
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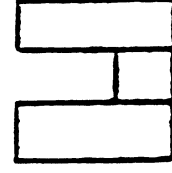
A



B

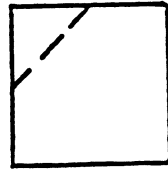
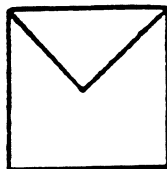
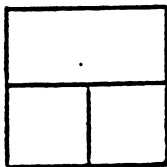


C



D

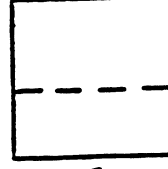
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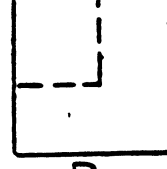
A



B



C



D

17. (C) 18. (D) 19. (D)

20. A drop pen is most useful for drawing

- (A) arcs of circles (B) numerous small circles of the same radius
 (C) parallel lines (D) curves with a French curve

21. Of the pencils listed below, the softest is

- (A) 2 B (B) B (C) H B (D) 2 H

22. On a drawing of an object, the heaviest lines would usually be

- (A) invisible lines (B) main dimension lines (C) the outline
 (D) the centerlines

23. Of the following items, the one that is least likely to be found in the title box of a drawing is the

- (A) number of hours required to make the drawing (B) name of the draftsman
 (C) scale of the drawing (D) date of completion of the drawing

24. A line on a drawing as shown below most likely represents



- (A) an invisible line (B) a center line (C) an unknown utility in planview
 (D) a reinforcing bar

26. In a set of plans of a small house you would look for the height of the building on the

- (A) floor plan (B) roof plan (C) plot plan (D) front elevation

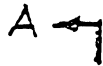
27. If the front and top views of a solid object are circles of the same diameter, then the object would be a

- (A) torus (B) ellipsoid (C) parallelepiped (D) sphere

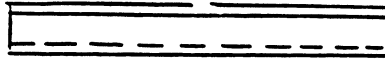
28. The symbol ++++++ on a topographic drawing indicates a

- (A) railroad line (B) telegraph line (C) rough road (D) unused road

20. (B) 21. (A) 22. (C) 23. (A) 24. (B) 26. (D) 27. (D) 28. (A)



29.



ELEVATION

In the Elevation shown above of the steel member, Section A-A would appear as in

- (A) (B) (C) (D)

30.

The scale which shows an object drawn to one eighth its actual size is

- (A) 1/8" = 1'-0" (B) 1 1/2" = 1'-0" (C) 2" = 1'-0"
 (D) 3" = 1'-0"

31.

An instrument consisting of four jointed rods forming a parallelogram used for copying drawings or maps to any desired scale is called a

- (A) proportional divider (B) beam compass (C) planimeter
 (D) pantograph

32.

In isometric projection, two of the axes are most often

- (A) 15° with the horizontal (B) 30° with the horizontal
 (C) 60° with the horizontal (D) 75° with the horizontal

33.

Of the following terms the one that measures sound intensity is a/an

- (A) lumen (B) inductance (C) decibel (D) quantum

34.

A pictorial drawing, two of the axes of which are 30° with the horizontal, is known as

- (A) a diametric drawing
 (B) an isometric drawing
 (C) a perspective drawing
 (D) an oblique drawing.

35.

A detailed drawing of a beam from which the beam is fabricated is known as a

- (A) perspective drawing (B) contour drawing
 (C) trilinear drawing (D) shop drawing

36.

Steel in cross-section is

- (A) (B) (C) (D)

29. (A) 30. (A) 31. (D) 32. (B) 33. (C) 34. (B) 35. (D) 36. (C)