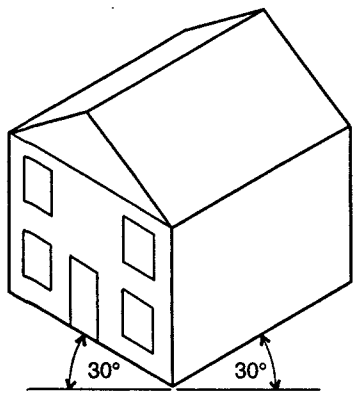
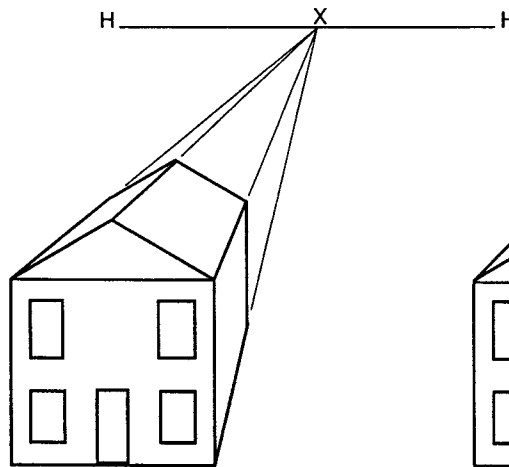


(a) Four different types of pictorial view

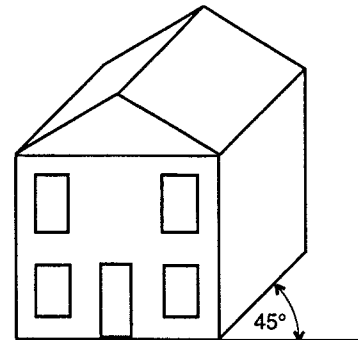
(A) to (D) are shown below.



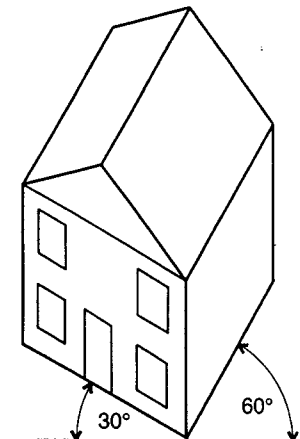
(A)



(B)



(C)



(D)

Name the four types of pictorial view.

Type (A)

Type (B)

Type (C)

Type (D)

(KI 4)

(b) In drawing (B), what is the name given to the long horizontal line HH?

This line is called the

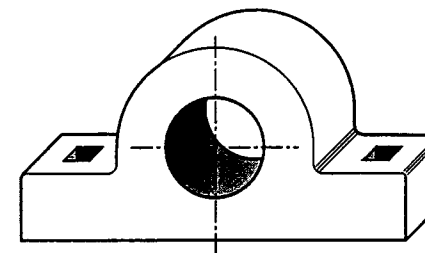
(KI 1)

(c) In drawing (B), what is the name given to point X?

This point is called the

(KI 1)

(d) When asked to draw the bracket shown below, it was decided that a drawing of type (C) should be used, rather than type (A).

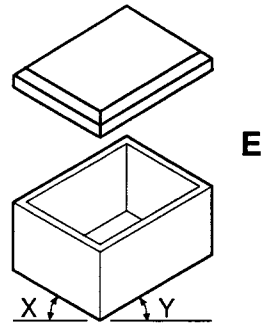
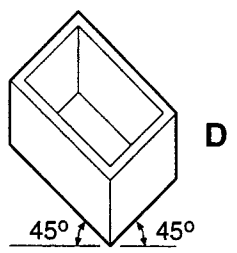
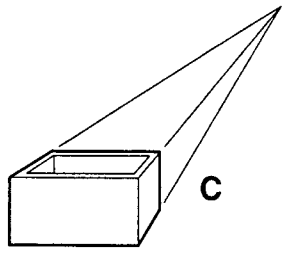
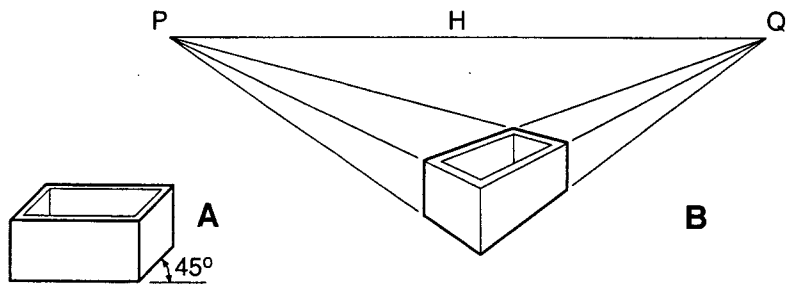


BRACKET

What is the main advantage of using type (C) for this drawing?

.....

(KI 2)



Five different types of pictorial drawing (A to E) are given.

(a) In the spaces provided, name each type of drawing A, B, C and D.

- A
- B
- C
- D

(KI 4)

(b) What is the name given to points P and Q in drawing B?

Points P and Q are called

(KI 1)

(c) What is the name given to line H in drawing B?

Line H is called

(KI 1)

(d) Give angles, other than 45°/45°, which could be used in drawing type D.

Angles /

(KI 1)

(e) (i) Drawing E is isometric. What other term is necessary to fully describe this view?

E is isometric view.

(KI 1)

(ii) What sizes are the angles X and Y on drawing E?

Angles X and Y are /

(KI 2)

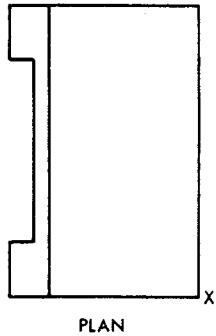
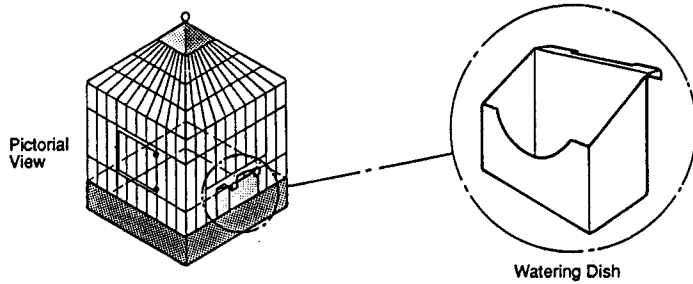
Total KI 10

(a) A bird-cage is shown in the sketch.

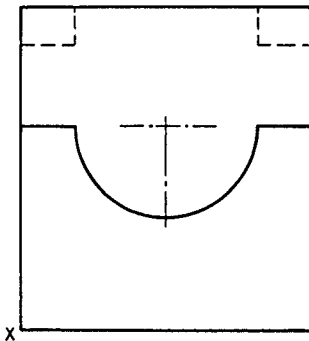
The watering dish is shown below in the given plan and end elevation.

(i) Draw an elevation projected from the given views. (DA 4)

(ii) Draw an oblique view of the dish, with corner X in the position indicated. Use half full size for sloping lengths. Do not show hidden detail. (DA 8)



PLAN



END ELEVATION



OBLIQUE VIEW

ELEVATION

(b) (i) A pictorial view of the cage is shown in the first sketch. What is the name given to this type of pictorial view?

Answer (KI 1)

(ii) What is the main reason for drawing a pictorial view of an object?

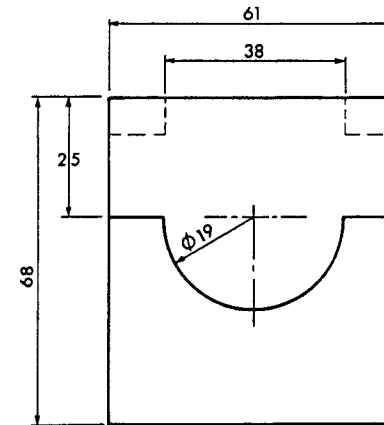
Answer (KI 1)

(iii) The question opposite asks for an **oblique** view of the watering dish. Why is an **oblique** view a good choice in this case?

Answer (KI 2)

(iv) The end elevation of the dish has been redrawn below and five dimensions shown. Two of the dimensions are not shown correctly.

Circle the two sizes which are incorrectly shown. (KI 2)



END ELEVATION