CLASSIFICATION OF PLANES

EXERCISE C

Locate the following points on the FRONTAL (F), HORIZONTAL (H), and the RIGHT PROFILE (P) planes. Label all folding lines and points. Draw all projections of the plane surface. All coordinate measurements are to be taken from the frontal, horizontal or profile planes. Two problems per sheet.

1. A is: 2" left of P, 1/4" back of F, 1" below H.
   B is: 1 3/4" left of P, 1 1/2" back of F, 1" below H.
   C is: 1" left of P, 1 1/2" back of F, 1" below H.
   D is: 1/2" left of P, 1/4" back of F, 1" below H.

2. A is: 2" left of P, 1" back of F, 1 1/4" below H.
   B is: 2" left of P, 1" back of F, 1/4" below H.
   C is: 1/4" left of P, 1" back of F, 1 1/4" below H.

3. A is: 2 1/4" left of P, 1 1/4" back of F, 3/4" below H.
   B is: 1 1/4" left of P, 1 3/4" back of F, 1/2" below H.
   C is: 1/2" left of P, 1/4" back of F, 1 1/4" below H.

4. A is: 1 1/2" left of P, 1/4" back of F, 1 1/4" below H.
   B is: 1/2" left of P, 1" back of F, 1/4" below H.
   C is: 2" left of P, 1 1/4" back of F, 1/2" below H.

EXERCISE D

Locate the following points on the FRONTAL (F), HORIZONTAL (H), and the RIGHT PROFILE (P) planes. Label all folding lines and points. Draw all projections of the plane surface. All coordinate measurements are to be taken from the frontal, horizontal or right profile planes. Two problems per sheet.

1. A is: 1 1/4" left of P, 1/4" back of F, 1 1/4" below H.
   B is: 1 1/4" left of P, 3/4" back of F, 1/4" below H.
   C is: 1 1/4" left of P, 1 3/4" back of F, 1/2" below H.

2. A is: 1 1/2" left of P, 1/2" back of F, 1/4" below H.
   B is: 1 1/2" left of P, 1 3/4" back of F, 1/4" below H.
   C is: 3/4" left of P, 1 3/4" back of F, 1" below H.
   D is: 1/4" left of P, 1/2" back of F, 1 1/2" below H.

3. A is: 1 1/2" left of P, 1/4" back of F, 1/4" below H.
   B is: 1 1/2" left of P, 1/4" back of F, 1 1/4" below H.
   C is: 1/2" left of P, 1 1/2" back of F, 1/4" below H.

4. A is: 2 1/4" left of P, 1/2" back of F, 1/4" below H.
   B is: 1/2" left of P, 1 1/2" back of F, 1/4" below H.
   C is: 1 1/2" left of P, 1 1/2" back of F, 1 1/4" below H.