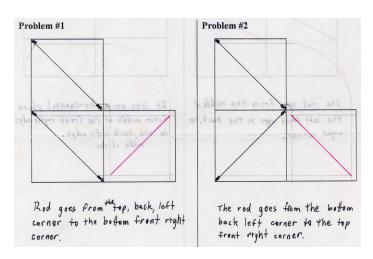
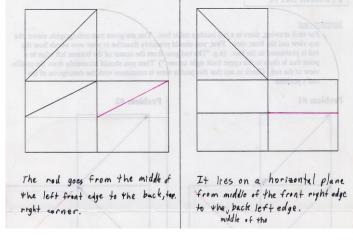
Solutions to Descriptive Geometry Problem Sets

Problem #3

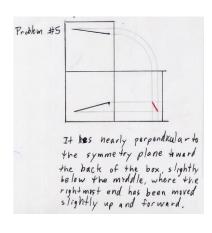
Problem Set A

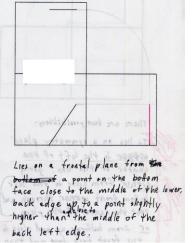


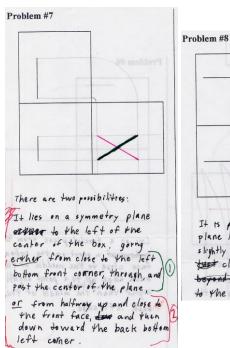
Problem #6

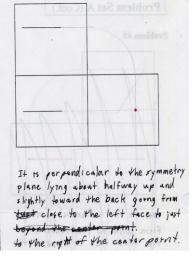


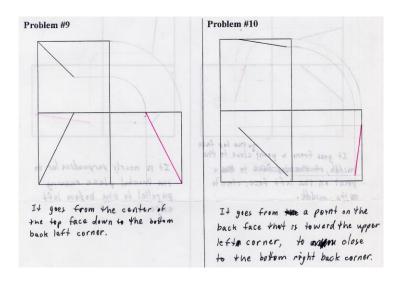
Problem #4

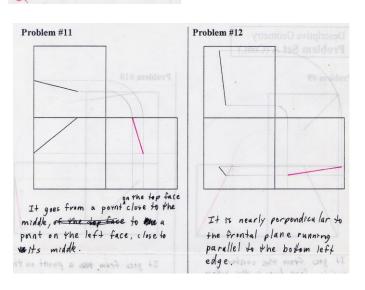




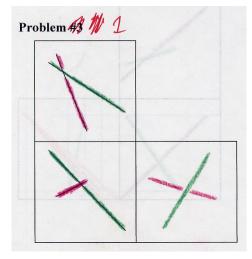


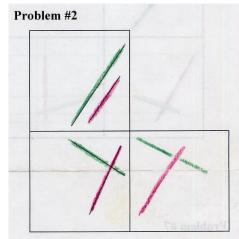


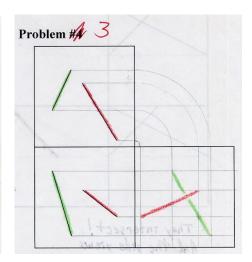


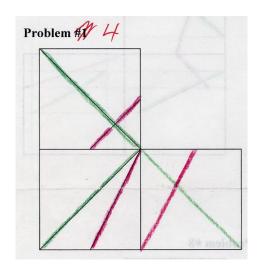


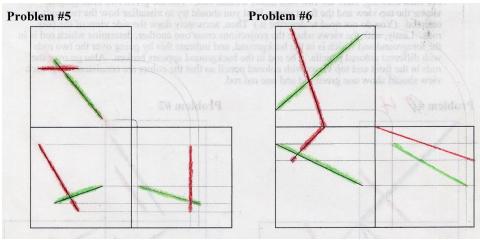
Problem Set B

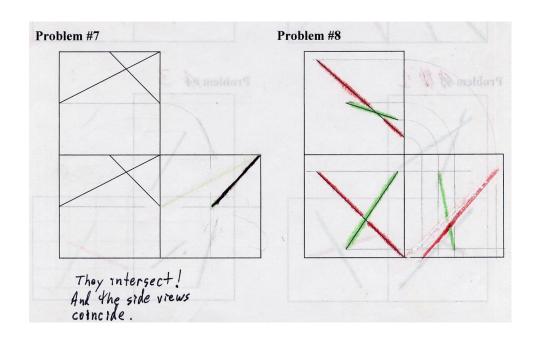






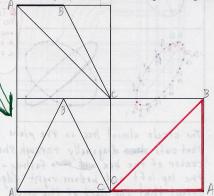






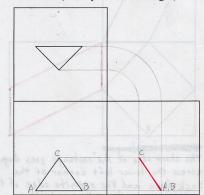
Problem Set C

Problem (A scalene non-right triangle)



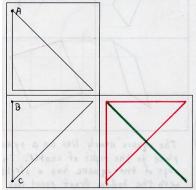
The base lies diagonally across the bottom with the top point in the middle of the top back edge.

Problem #2 (An equilateral triangle)



The base lies perpendicular to the symmetry plane close to the middle of the bottom face with the top potnt titled slightly to ward the front face. (side view & a straight Irne).

Problem #3



There are 2 possibilities for the side view drawing (in red or green)

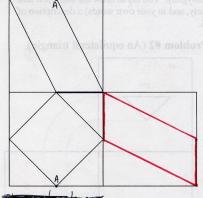
depending if you have point A correspond
to B or C.

Red (A corresponds to B) is an equilateral triangle
oriented as when the top left front corner
is deeply truncated.

Green (A corresponds to C)

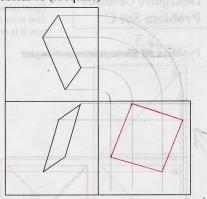
This is a right triangle with one edge these running close to the top front edge, then an edge running along the diagonal of the left face, then an edge running along the body diagonal from the bottom back left day corner up to the front top right corner.

Problem #4 (A rectangle)



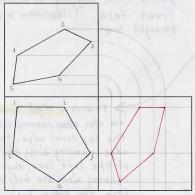
The short edge of the rectangle goes dramally across the lower left corner of the back face and the opposite edge of the rectangle goes diagonally across the upper right corner of the front side.

Problem #5 (A square)



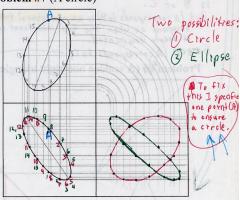
The square nearly lies on a symmetry plane to the right of center. The bottom edge of the square has a slight slope with the bottom front pornt has been slightly raised and moved toward the right face. The top of the square tilts slightly toward the right face.

Problem #6 (A regular pentagon)



The pentagon nearly lies on a frontal plane with the top edge on a hortzental plane and the upper night edge of the pentagon is slryhtly pushed back.

Problem #7 (A circle)



The cricle almost lies on the plane that cuts dead dragonally through the center of the box and the falling on the top left and bottom right edges, except that the part of the circle closest to the front face has been pushed slightly downward.