

COMPOUND LOCI

Hints:

Do each locus problem separately & look for the word AND

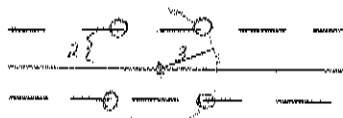
No DRAWING = No CREDIT

CIRCLE INTERSECTIONS of DOTTED lines

Use a COMPASS FOR CIRCLES

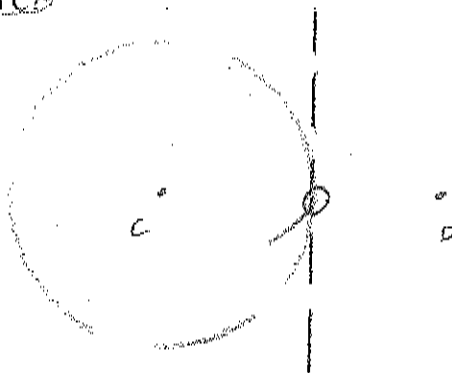
Draw SMALL

Problem 1 How many points are 2 units from a given line and 3 units from a given point on the line?



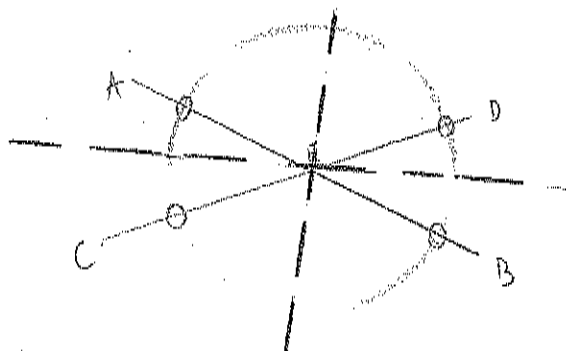
4 points

Problem 2 Two points, C and D, are 8 inches apart. How many points are there equidistant from C and D and also 4 inches from C?



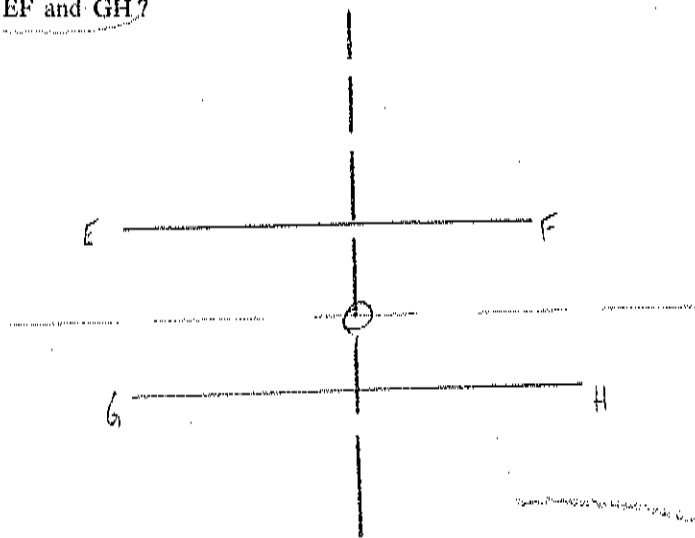
one point

Problem 3 \overline{AB} and \overline{CD} intersect at E. How many points are equidistant from AB and CD and also 3 centimeters from E?



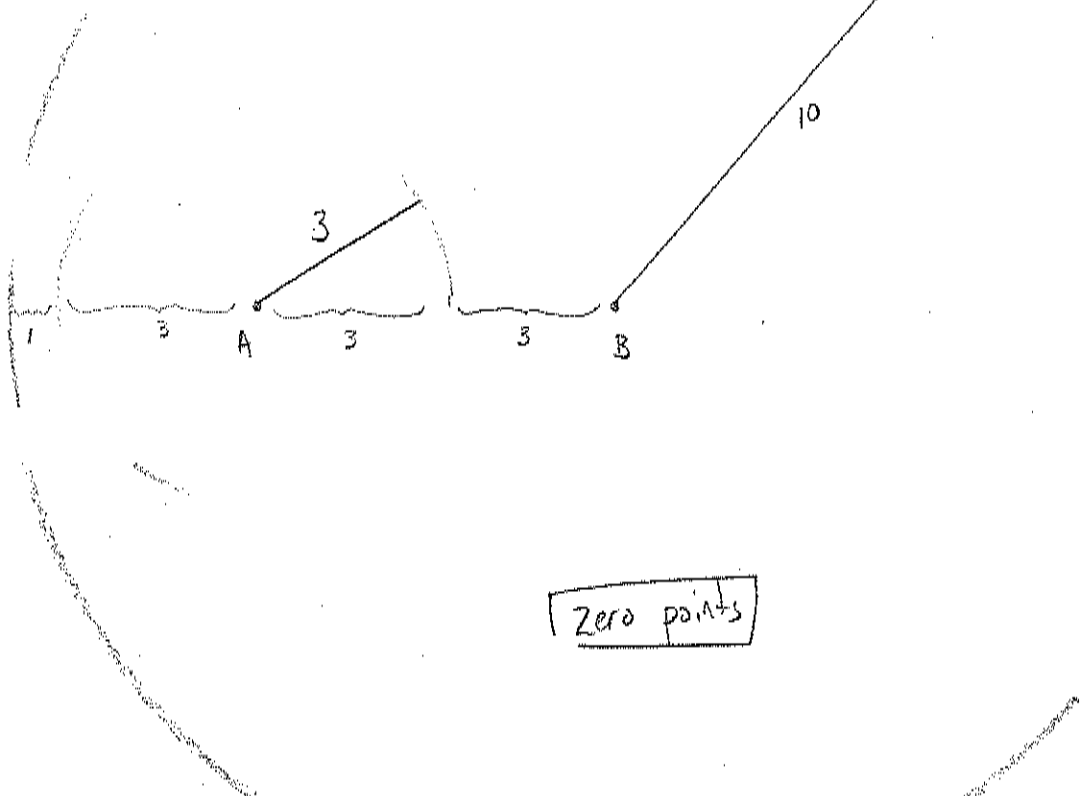
4 points

Problem 4 \overline{EF} is parallel to \overline{GH} . How many points are equidistant from E and G , and also equidistant from lines \overline{EF} and \overline{GH} ?



one point

Problem 5 Points A and B are 6 inches apart. How many points are 3 inches from A and 10 inches from B ?



Zero points