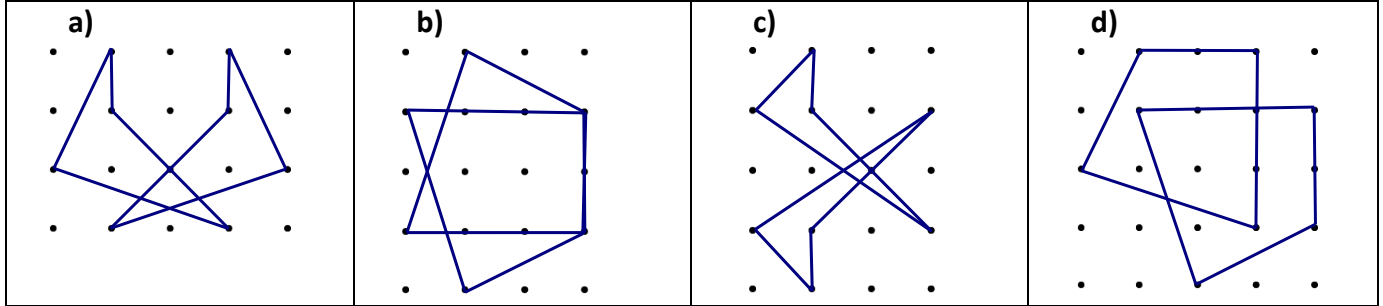


1) Use the grid or patty paper to reflect the following figures over their respective line m . Label the image.

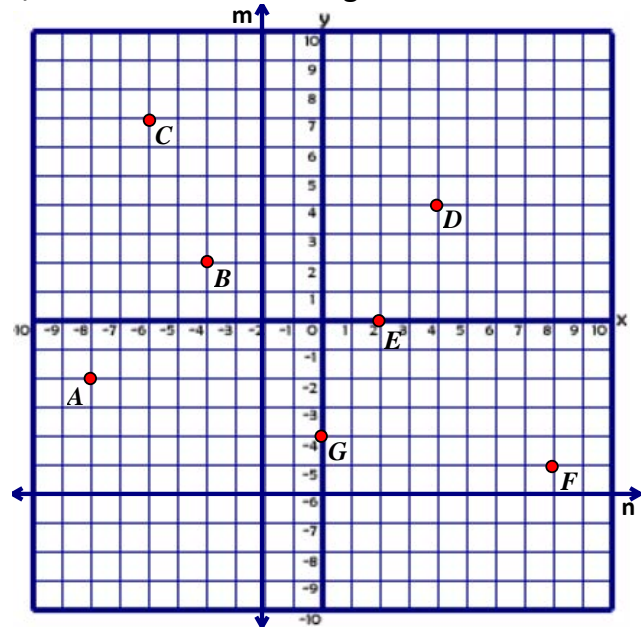


2) Determine the line of reflection for the following pre-image and images.



3) Determine the pre-image coordinates, then reflect it, and determine the image coordinates.

- a) $A = (\underline{\quad}, \underline{\quad}) \quad r_{x\text{-axis}}(A) \quad A' = (\underline{\quad}, \underline{\quad})$
- b) $B = (\underline{\quad}, \underline{\quad}) \quad r_{y\text{-axis}}(B) \quad B' = (\underline{\quad}, \underline{\quad})$
- c) $C = (\underline{\quad}, \underline{\quad}) \quad r_m(C) \quad C' = (\underline{\quad}, \underline{\quad})$
- d) $D = (\underline{\quad}, \underline{\quad}) \quad r_{x\text{-axis}}(D) \quad D' = (\underline{\quad}, \underline{\quad})$
- e) $E = (\underline{\quad}, \underline{\quad}) \quad r_{x\text{-axis}}(E) \quad E' = (\underline{\quad}, \underline{\quad})$
- f) $F = (\underline{\quad}, \underline{\quad}) \quad r_n(F) \quad F' = (\underline{\quad}, \underline{\quad})$
- g) $G = (\underline{\quad}, \underline{\quad}) \quad r_{y\text{-axis}}(G) \quad G' = (\underline{\quad}, \underline{\quad})$



4) Determine the name of the point that meets the given conditions.

- a) $r_m(A) = \underline{\hspace{2cm}}$
- b) $r_h(C) = \underline{\hspace{2cm}}$
- c) $r_h(D) = \underline{\hspace{2cm}}$
- d) $r_g(\underline{\hspace{1cm}}) = B$
- e) $r_n(D) = \underline{\hspace{2cm}}$
- f) $r_n(B) = \underline{\hspace{2cm}}$
- g) $r_m(D) = \underline{\hspace{2cm}}$
- h) $r_m(\underline{\hspace{1cm}}) = C$

