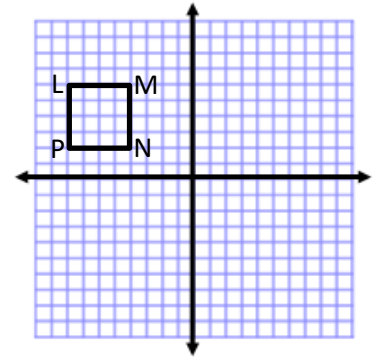


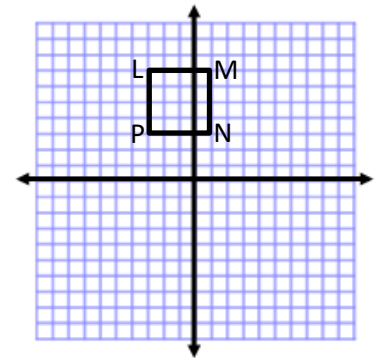
Geometry (G.CO.2, 5)
Unit One A – Reflections – Day 1 (HW10)

Name: _____
Date: _____ Period: _____

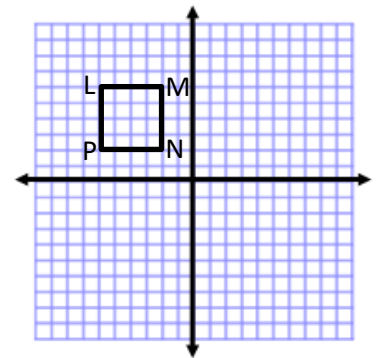
1. Reflect the given preimage over the line $y = x$. Label the image appropriately.



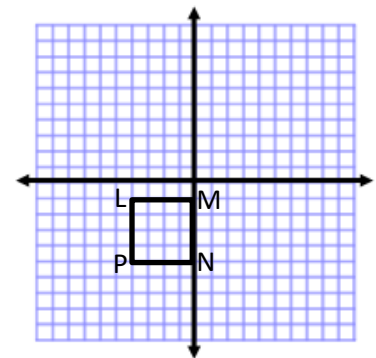
2. Complete the transformation $R_{y=-x}$. Label the image appropriately.



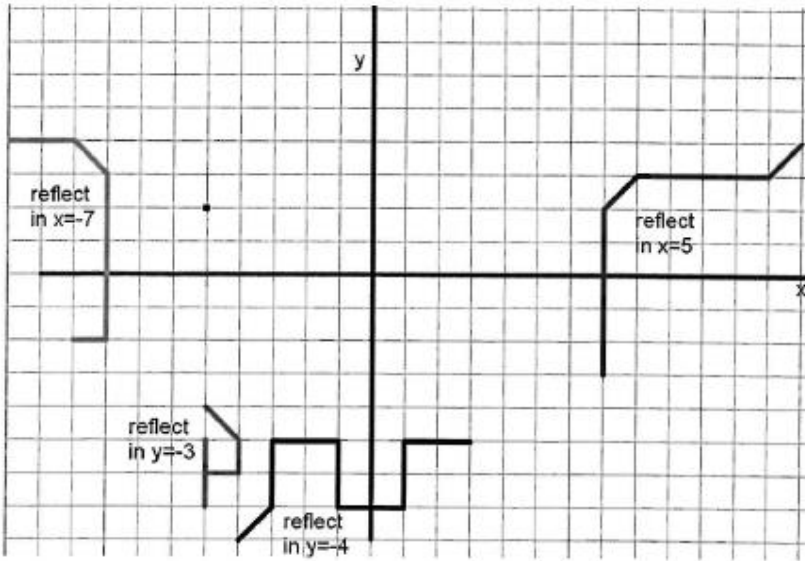
3. Reflect the given preimage over the line $x = 2$. Label the image appropriately.



4. Complete the transformation $R_{y=-2}$. Label the image appropriately.



5. Reflect each shape over the given lines. Pay attention to the location of the x and y axes.



6. Determine the name of the point that meets the given conditions.

a) $R_m(A) = \underline{\hspace{2cm}}$

b) $R_{\overline{FC}}(A) = \underline{\hspace{2cm}}$

c) $R_h(B) = \underline{\hspace{2cm}}$

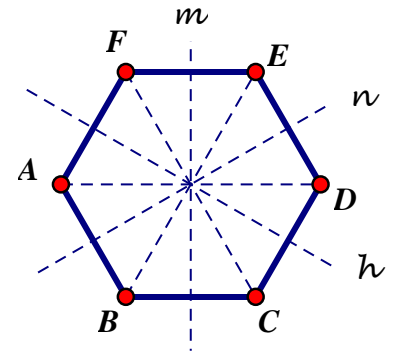
d) $R_{\overline{AD}}(\underline{\hspace{2cm}}) = B$

e) $R_n(D) = \underline{\hspace{2cm}}$

f) $R_n(B) = \underline{\hspace{2cm}}$

g) $R_{\overline{FC}}(D) = \underline{\hspace{2cm}}$

h) $R_{\overline{BE}}(\underline{\hspace{2cm}}) = C$



7. $R_{\text{line } m}(\triangle ABC)$

