2-26-19 5th Geo

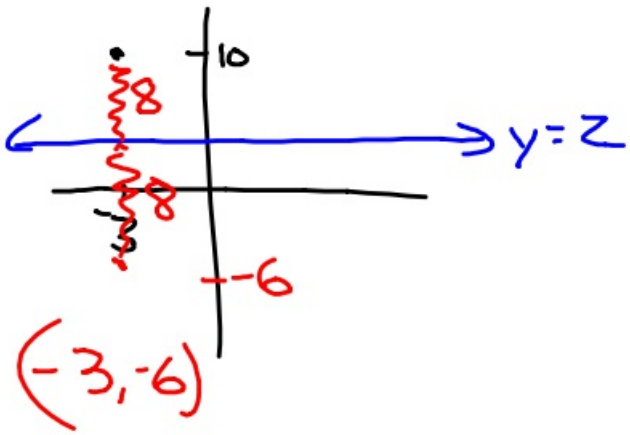
Line $y = x$ $(a, b) \rightarrow (b, a)$

Line $y = -x$ $(a, b) \rightarrow (-b, -a)$

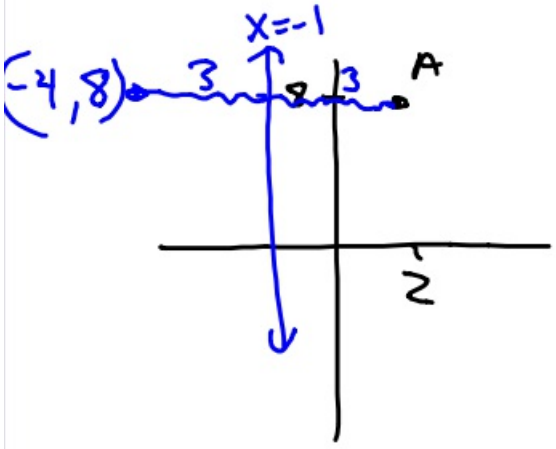
① $A = (-8, 6)$ line $y = x$

$A' = (6, -8)$

② $A = (-3, 10)$ line $y = 2$

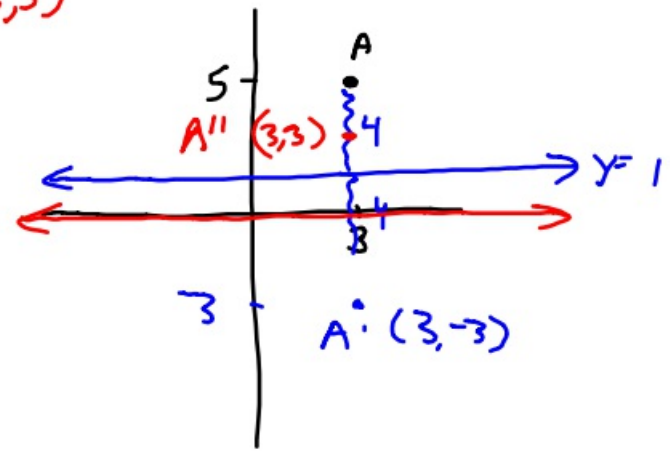


③ $A = (2, 8)$ line $x = -1$

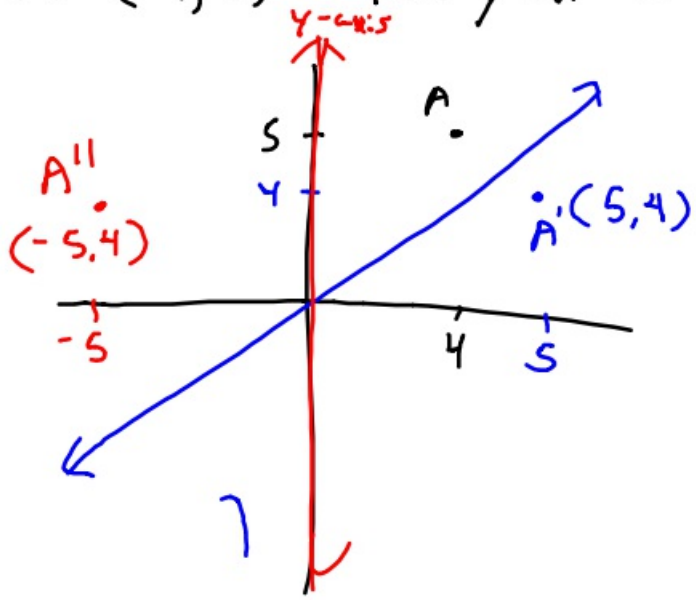


④ A = (3, 5) line y = 1 and then x-axis

A'' = (3, 3)

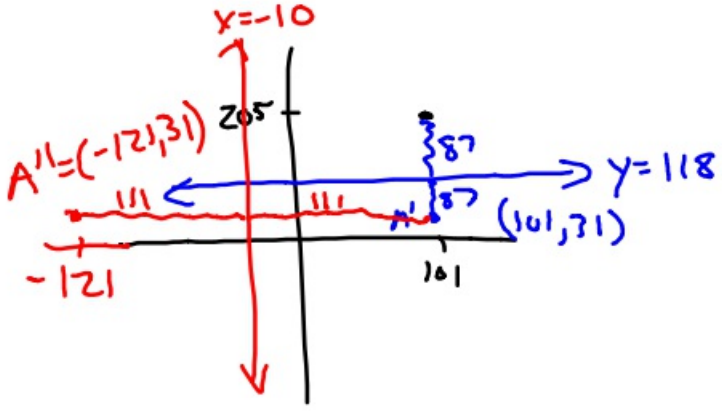


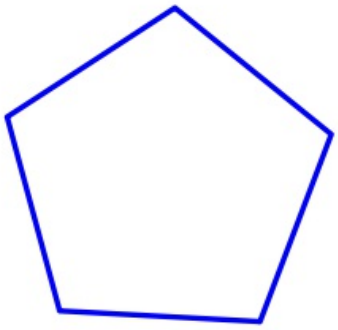
⑤ A = (4, 5) line y = x and then y-axis.



⑥ A = (101, 205) line y = 118 then

A'' = (-121, 31) line x = -10





point symmetry

(7) Does a triangle have point symmetry?

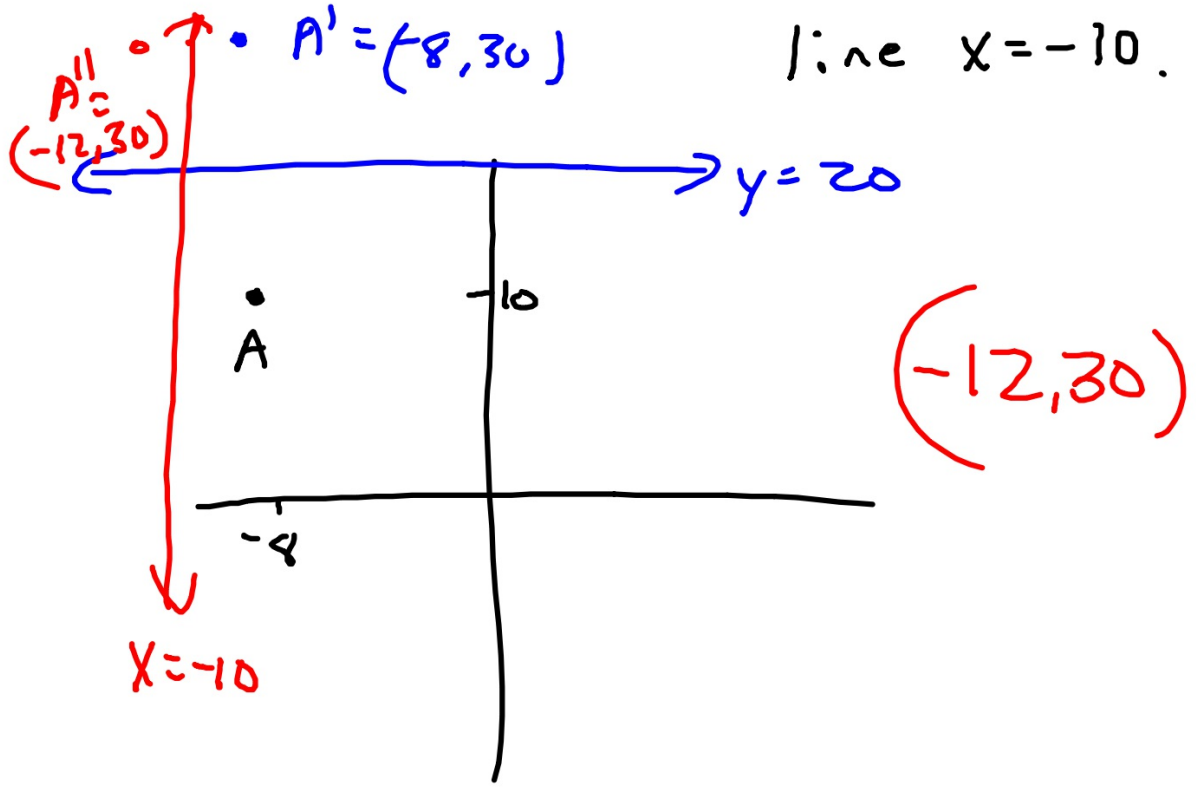
only an equilateral

(8) If $A' = (-3, 4)$ what was A if it had been fliped over the line $y = -x$?

$A = (-4, 3)$

⑨ $A = (-8, 10)$ line $y = 20$

line $x = -10$.



$(-12, 30)$

2-26-19 6th Geo

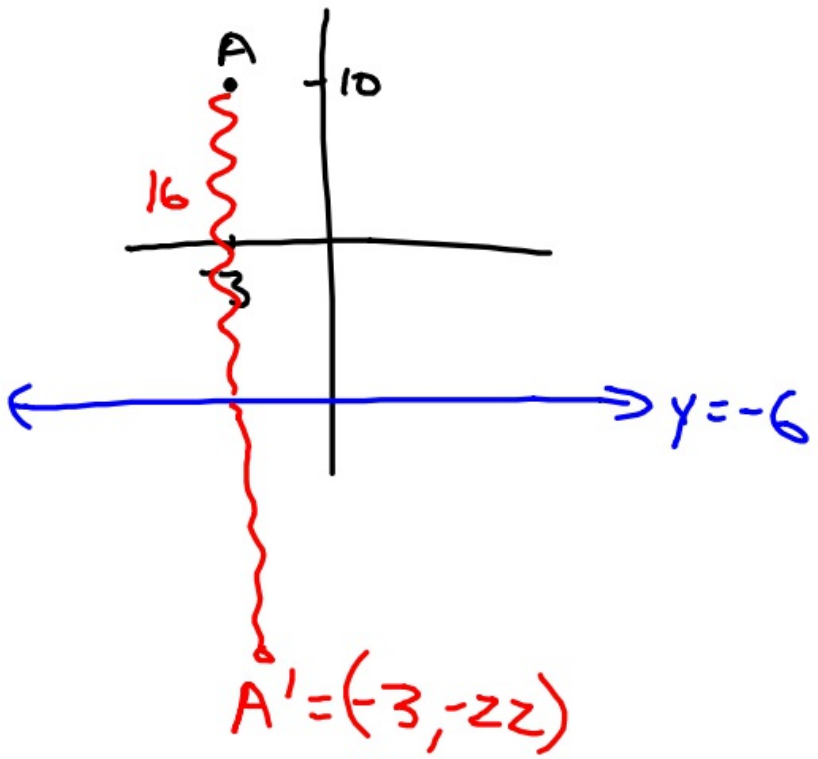
line $y = x$ $(a, b) \rightarrow (b, a)$

line $y = -x$ $(a, b) \rightarrow (-b, -a)$

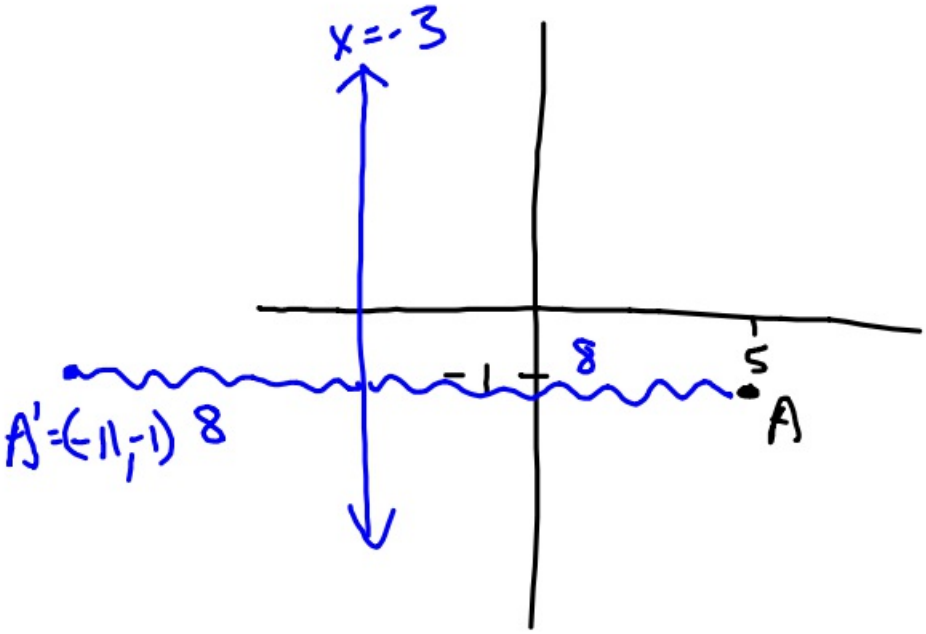
① $A = (-4, 10)$ line $y = -x$

$A' = (-10, 4)$

② $A = (-3, 10)$ line $y = -6$

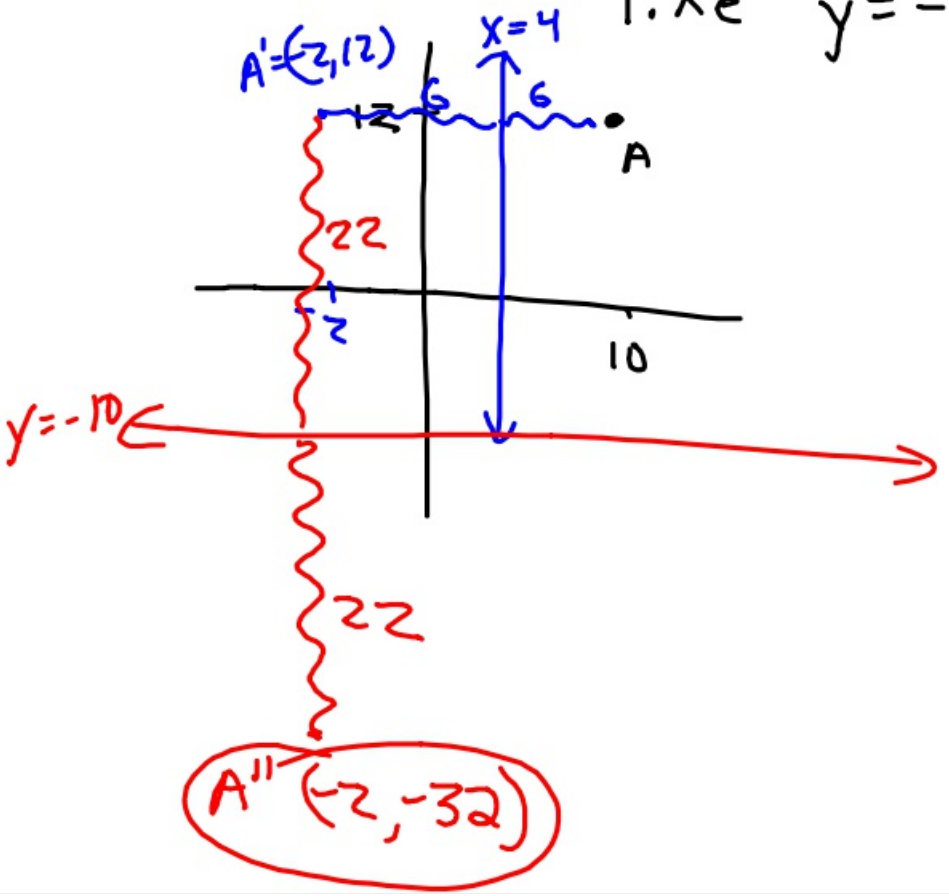


(3) $A = (5, -1)$ line $x = -3$

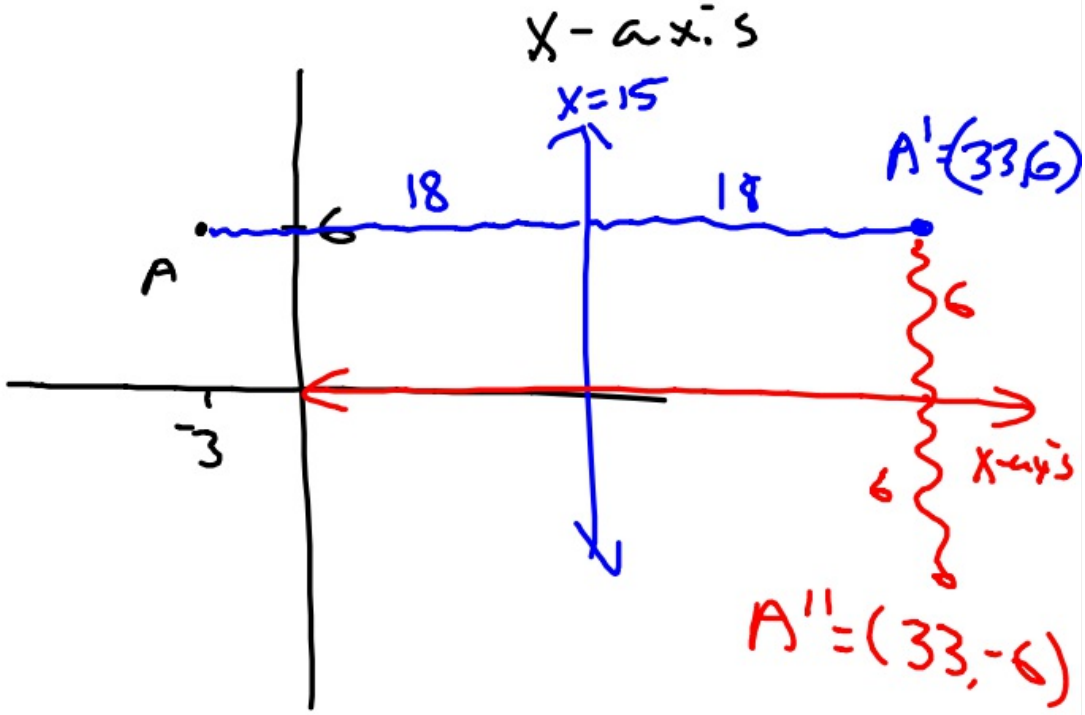


(4) $A = (10, 12)$ line $x = 4$

line $y = -10$

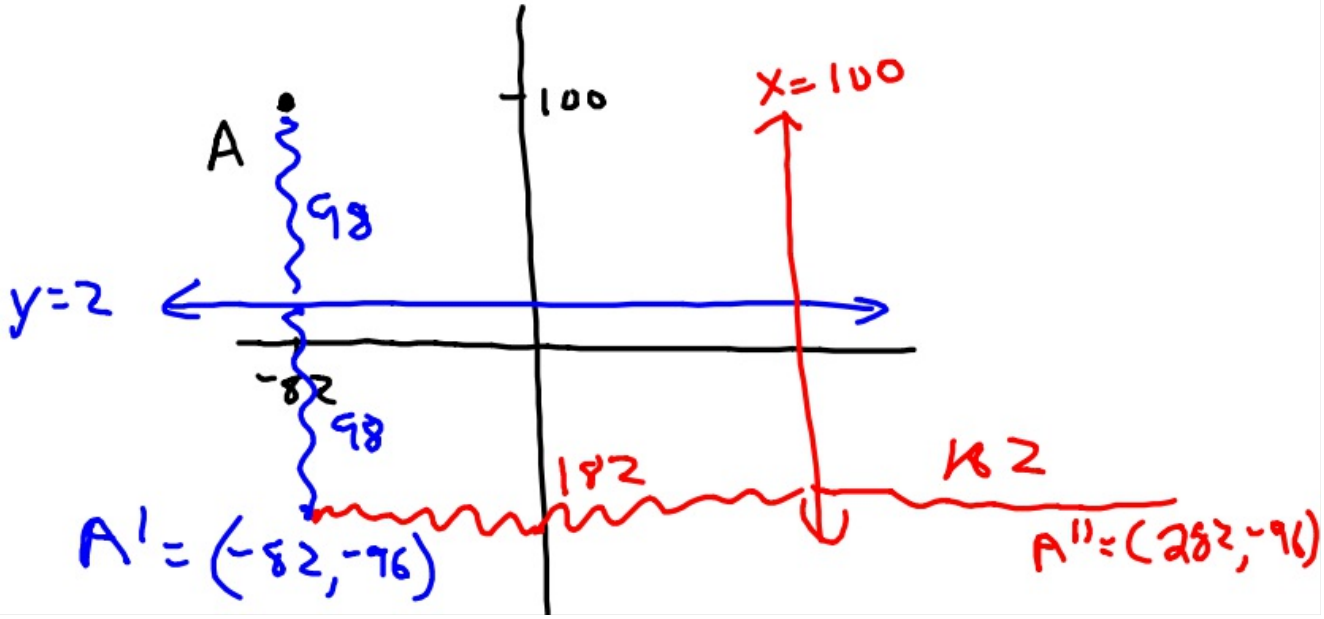


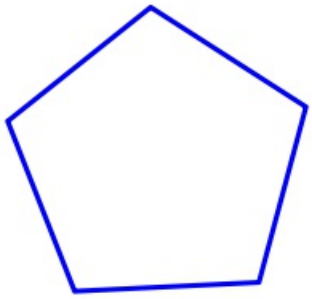
(5) $A = (-3, 6)$ line $x = 15$



(6) $A = (-82, 100)$ line $y = 2$

line $x = 100$

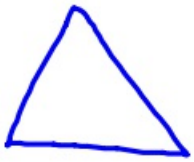




$\frac{360}{5} = 72^{\circ}$

(7) Does a triangle have point symmetry?

Only an equilateral



(8)