

Reflections

① $\overline{AB}$ has endpoints $A(1,2)$ $B(3,4)$

a) graph the segment & its reflection over the x-axis

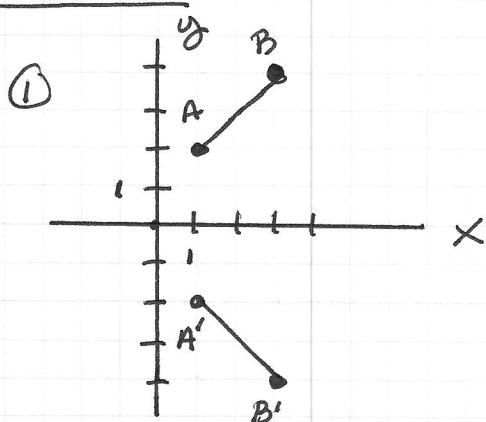
b) find the coordinates of $\overline{A'B'}$.

② $\triangle ABC$ has vertices $A(2,3)$ $B(3,6)$ $C(4,5)$

a) graph the $\triangle$ & its reflection over the y-axis

b) find the coordinates of $\triangle A'B'C'$.

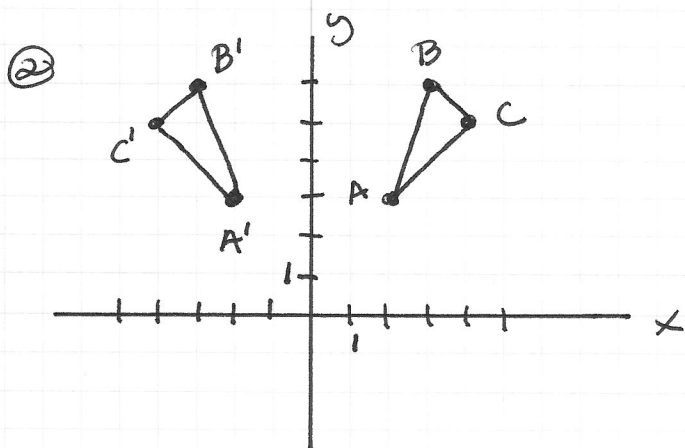
Answers:



Coordinates of $\overline{A'B'}$

$A'(1,-2)$

$B'(3,-4)$



Coordinates of $\triangle A'B'C'$

$A'(-2,3)$

$B'(-3,6)$

$C'(-4,5)$