

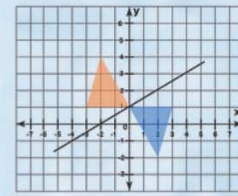
Name :

Class :



Transformation

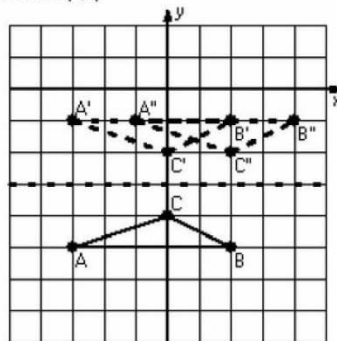
Transformations are changes done in the shapes on a coordinate plane by rotation or reflection or translation



Draw and label each transformation

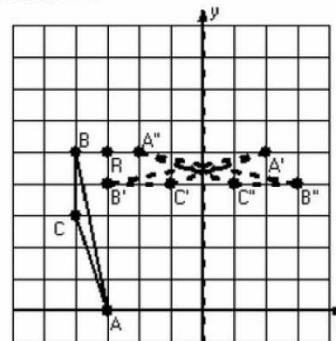
1)

Reflection $y = -3$
Translation $(2, 0)$



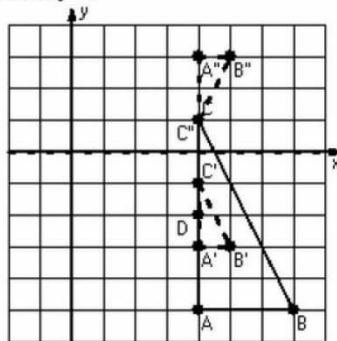
2)

Rotation 90° counterclockwise, center $R(-3, 5)$
Reflection $x = 0$



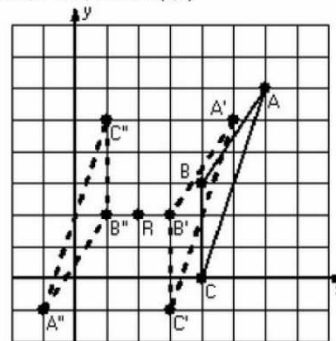
3)

Dilation scale = $1/3$, center $D(4, -2)$
Reflection $y = 0$



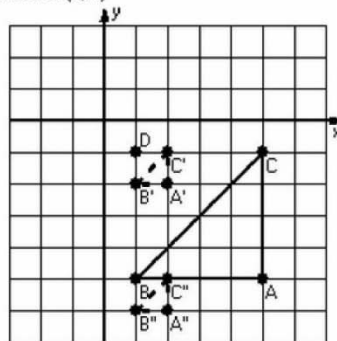
4)

Translation $(-1, -1)$
Rotation 180° , center $R(2, 2)$



5)

Dilation scale = $1/4$, center $D(1, -1)$
Translation $(0, -4)$



6)

Reflection $y = 2$
Translation $(-2, 0)$

