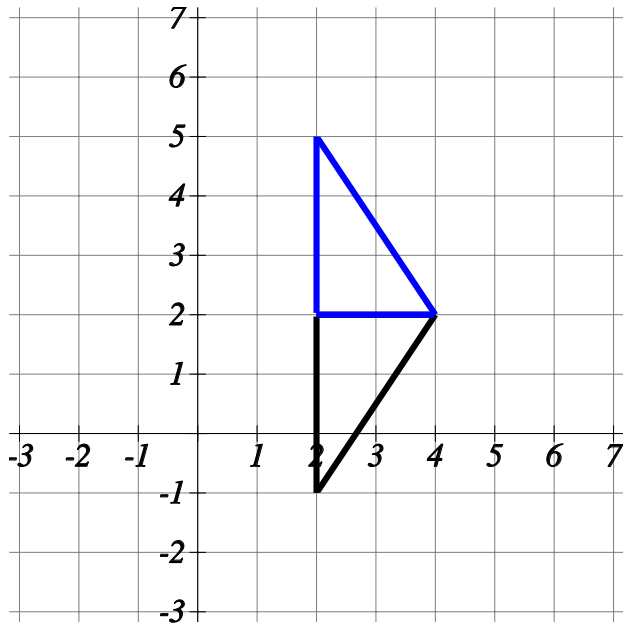


# Transformations - Reflection

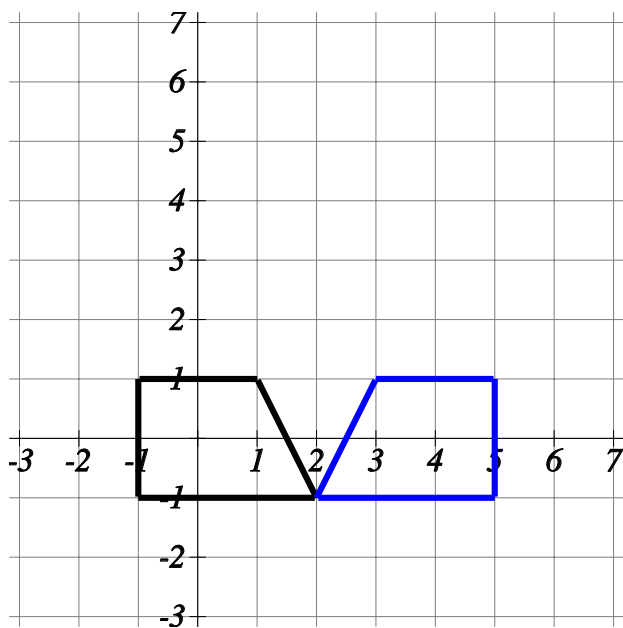
Name:	Class:	Date:
Mark		/ 10 %

1) Draw the line of reflection that maps the object to its image in the diagram below



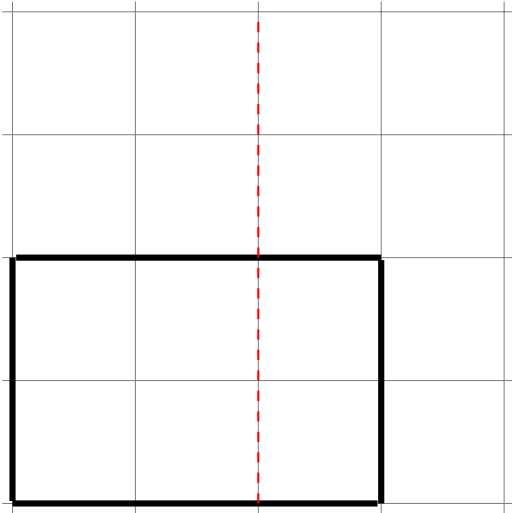
[1]

2) Draw the line of reflection that maps the object to its image in the diagram below



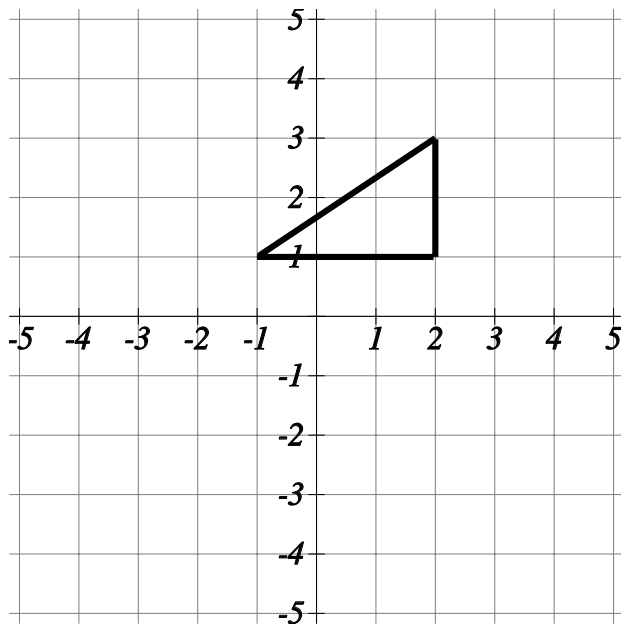
[1]

3) Reflect the shape in the dotted line.



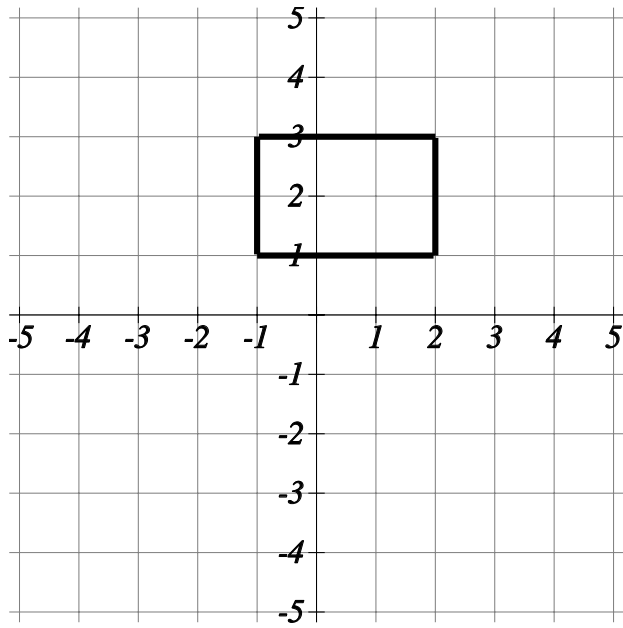
[1]

4) Reflect the shape in the line  $y = -x$ .



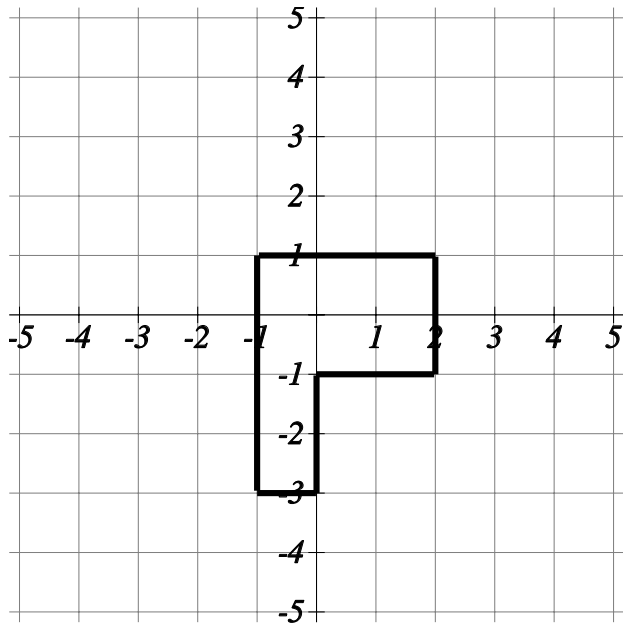
[1]

5) Reflect the shape in the line  $y = -x$ .



[1]

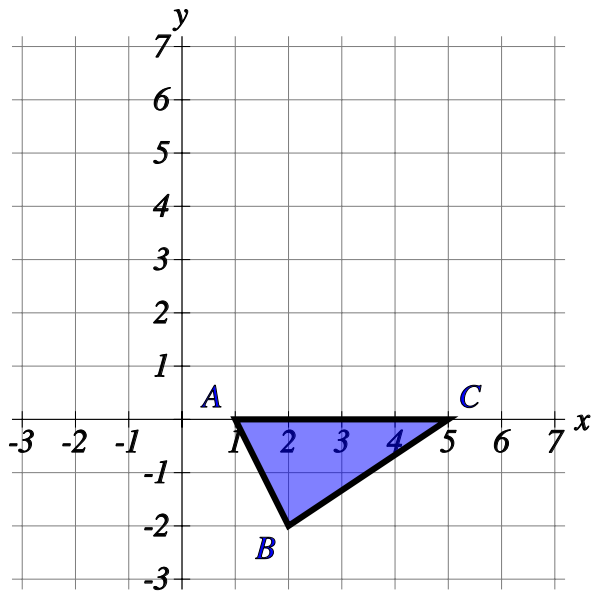
6) Reflect the shape in the line  $y = -x$ .



[1]

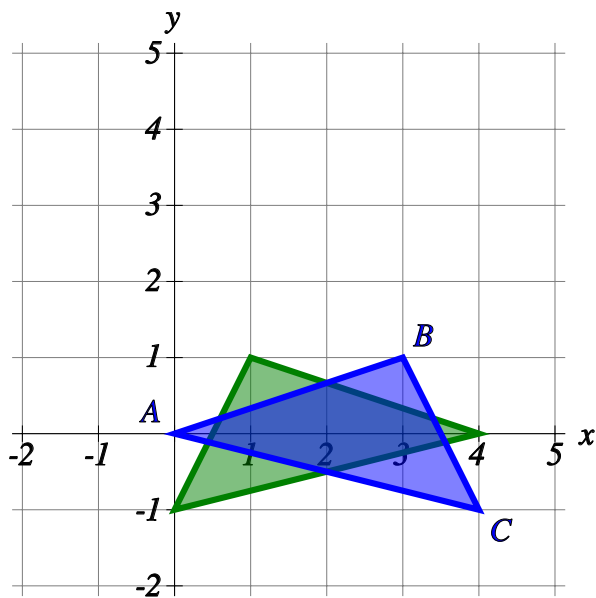
7) Reflect the triangle ABC in the line  $y=2$ .  
Give the coordinates of the image point B'

[1]



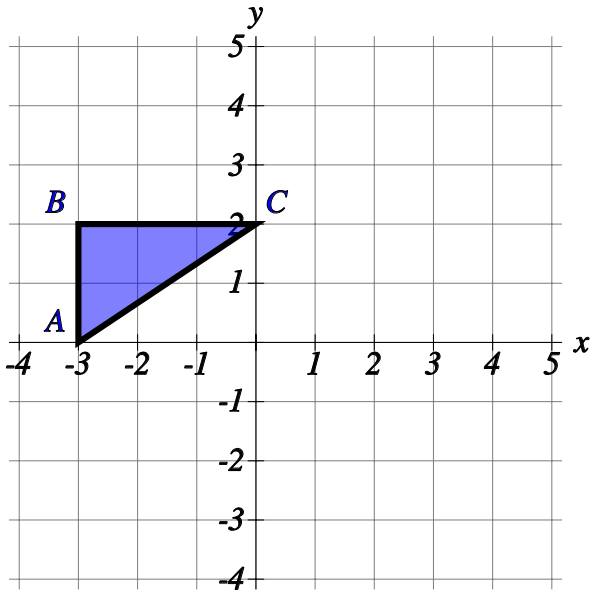
8) Fully describe the single transformation from the triangle ABC to its image

[1]



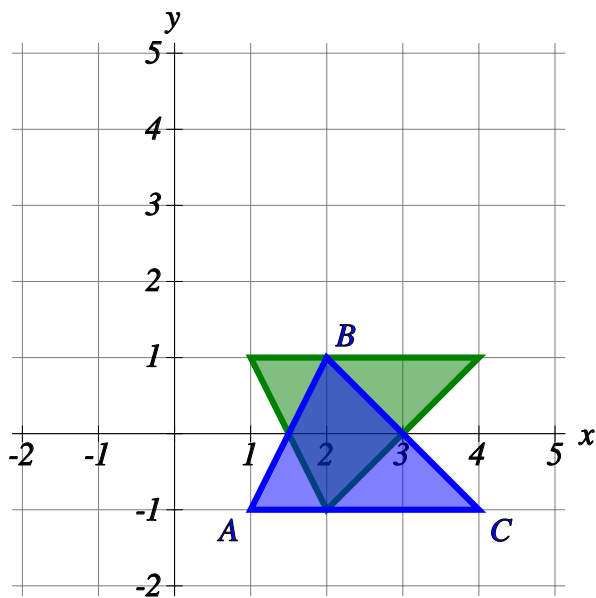
9) Reflect the triangle ABC in the line  $y=2$ .  
Give the coordinates of the image point A'

[1]

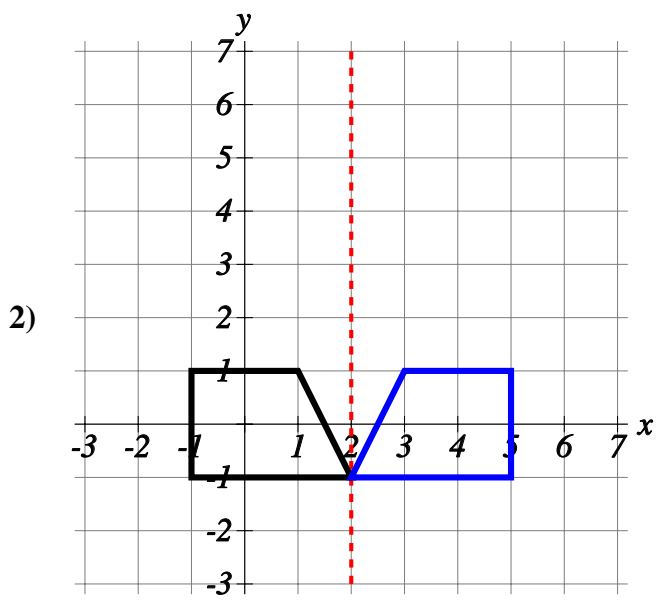
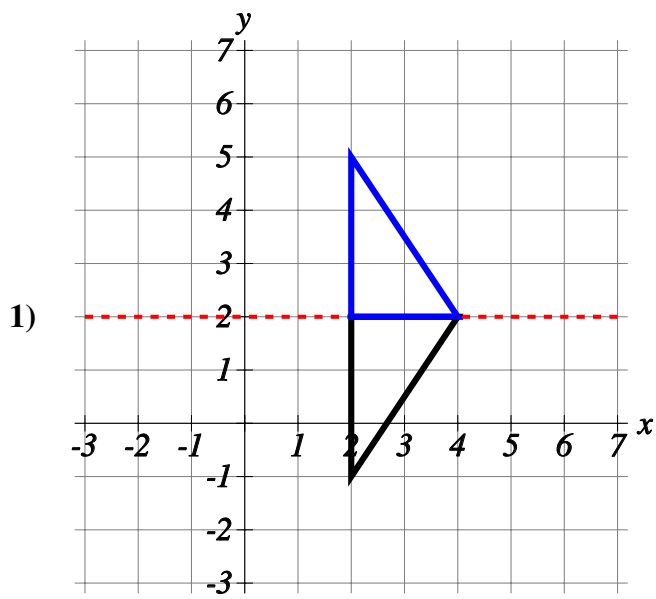


10) Fully describe the single transformation from the triangle ABC to its image

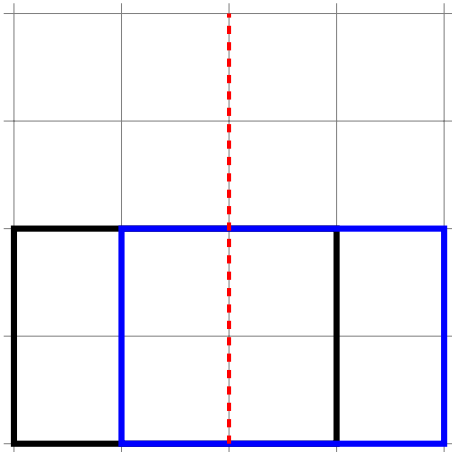
[1]



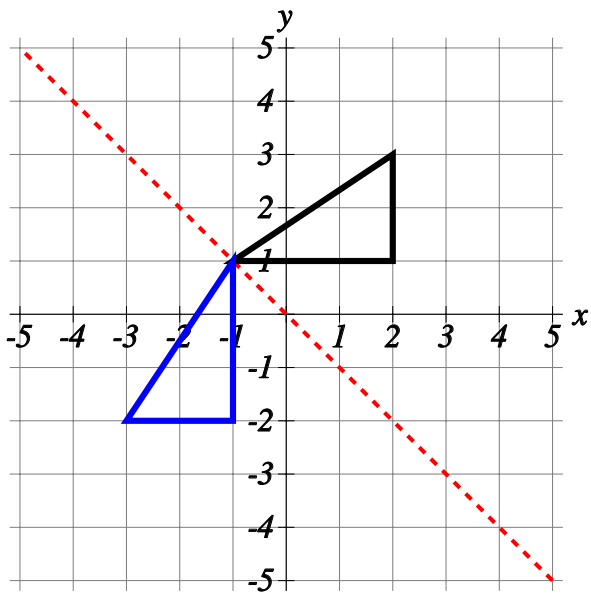
## Solutions for the assessment Transformations - Reflection



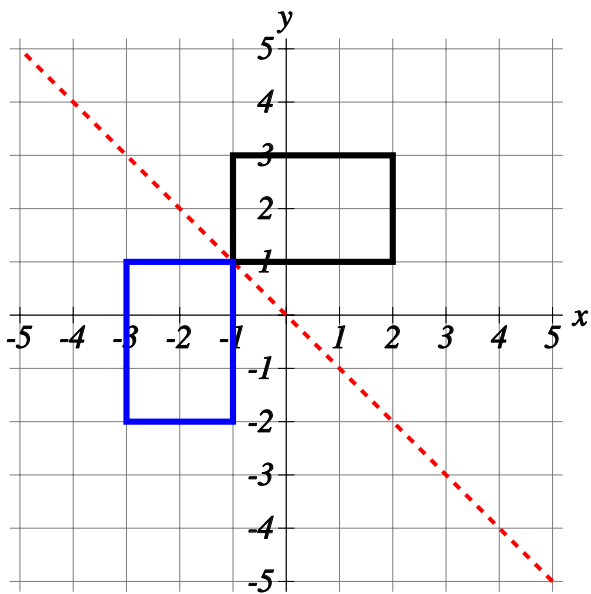
3)

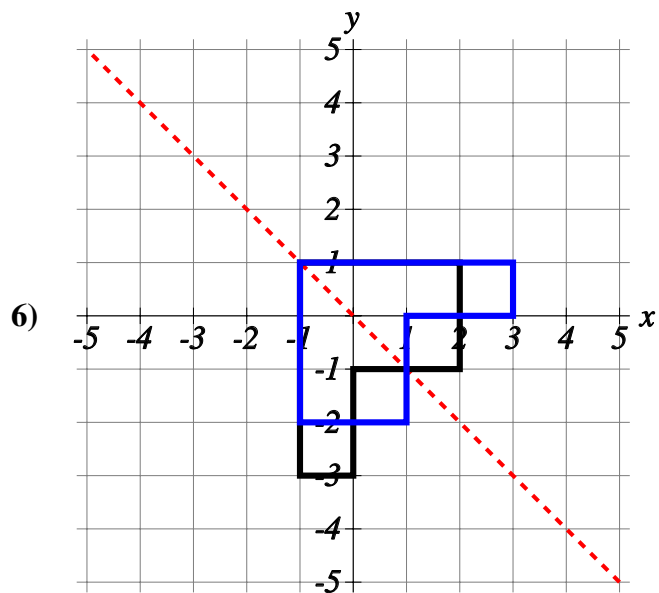


4)

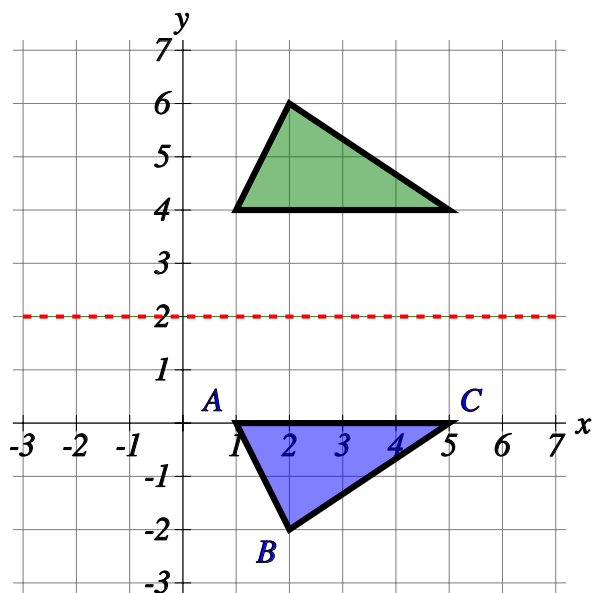


5)



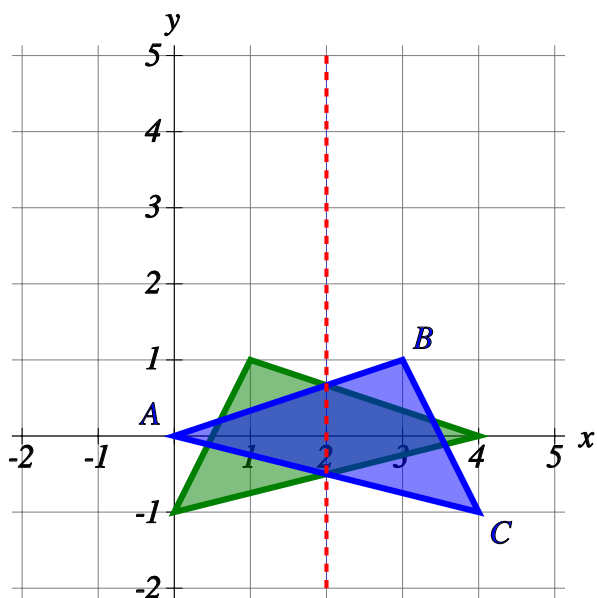


7)  
Reflection in the line  $y=2$  gives image point  $B' = (2,6)$

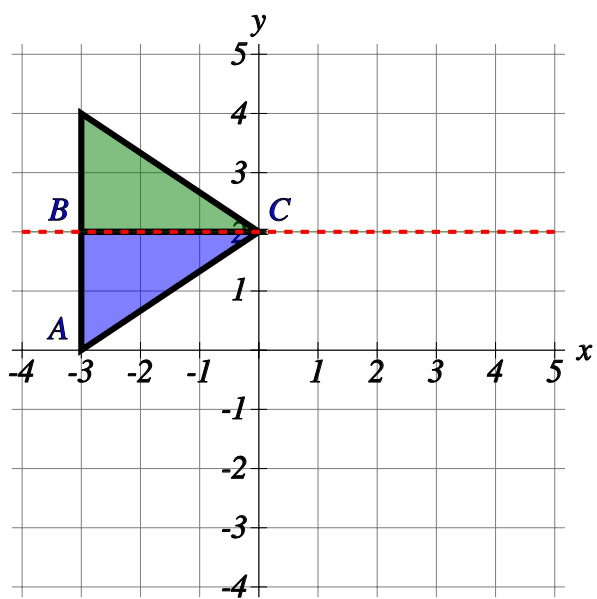




8) reflection in  $x = 2$



9)  
Reflection in the line  $y=2$  gives image point  $A' = (-3, 4)$



10) reflection in  $y = 0$

