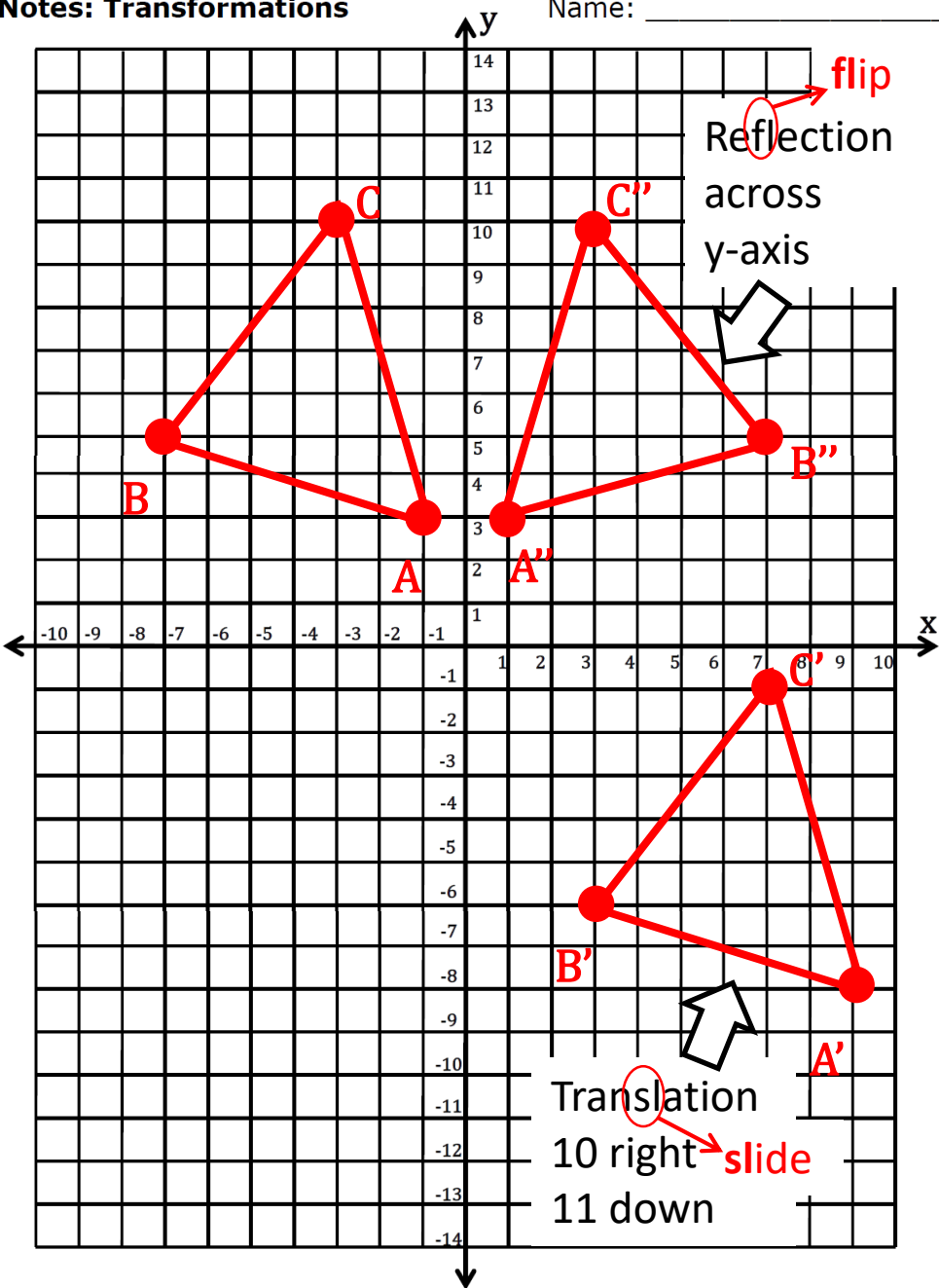


Notes: Transformations

Name: _____



Plot and label the following vertices:
A (-1, 3), B (-7, 5), and C (-3, 10)

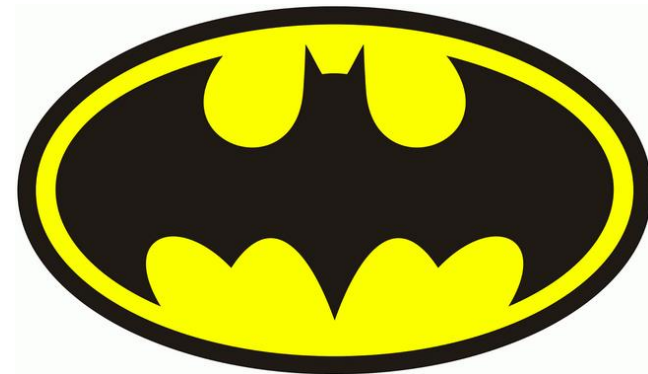
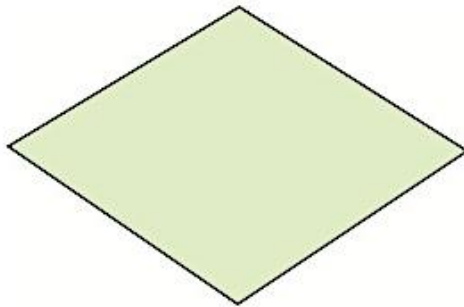
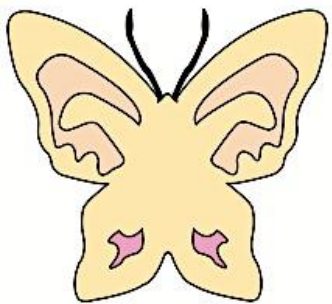
Plot and label the following vertices:
A' (9, -8), B' (3, -6), and C' (7, -1)

Plot and label the following vertices:
A'' (1, 3), B''(7, 5), and C''(3, 10)

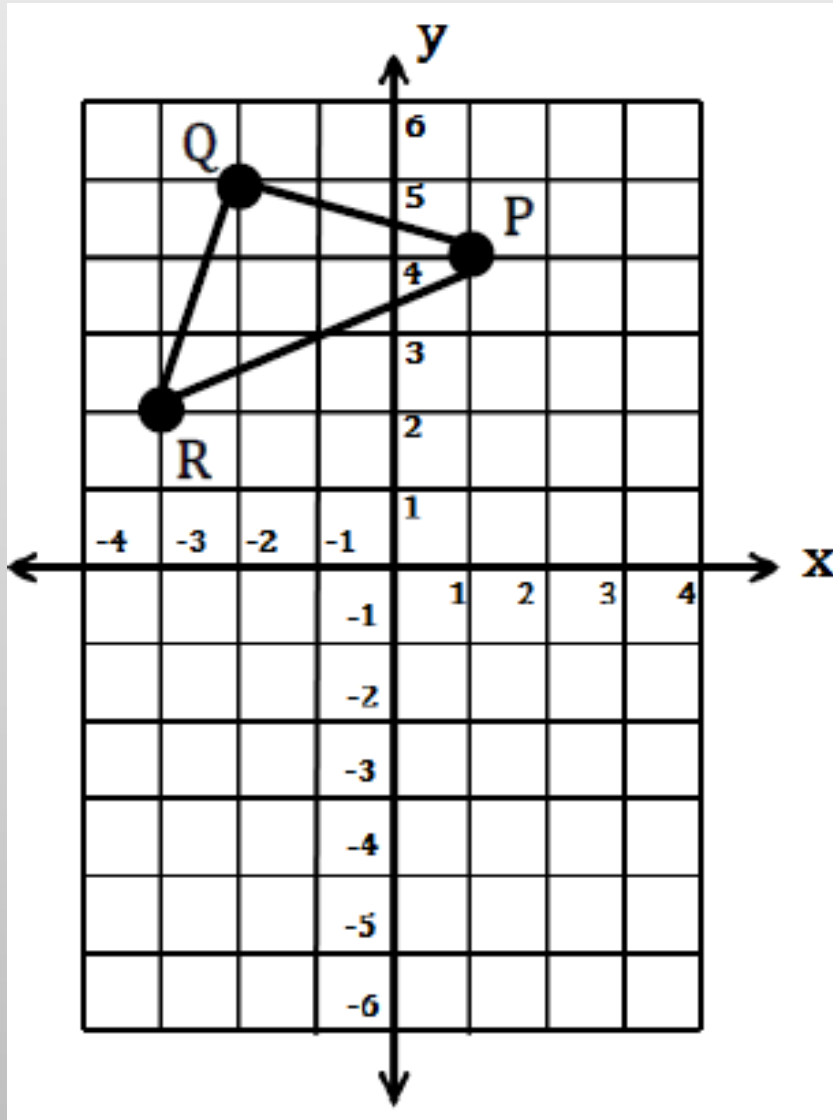


Transformations in Pixar movies

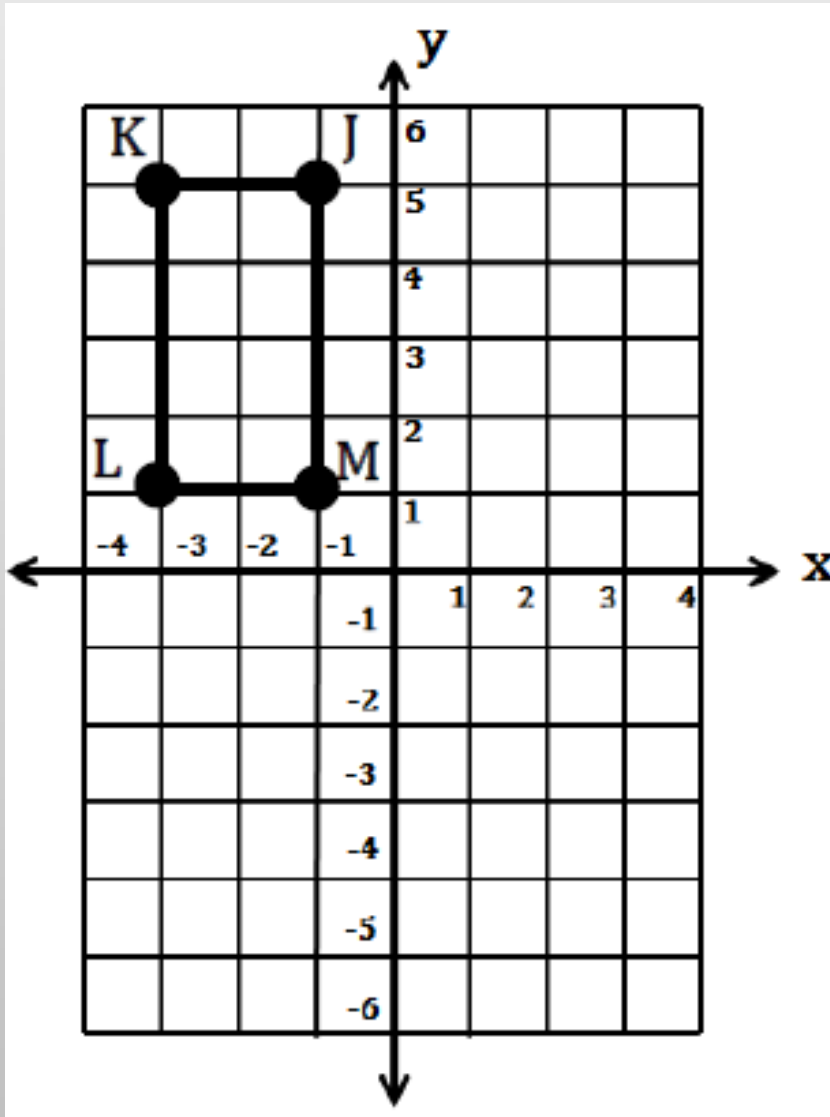
Draw all lines of symmetry in the pictures below.



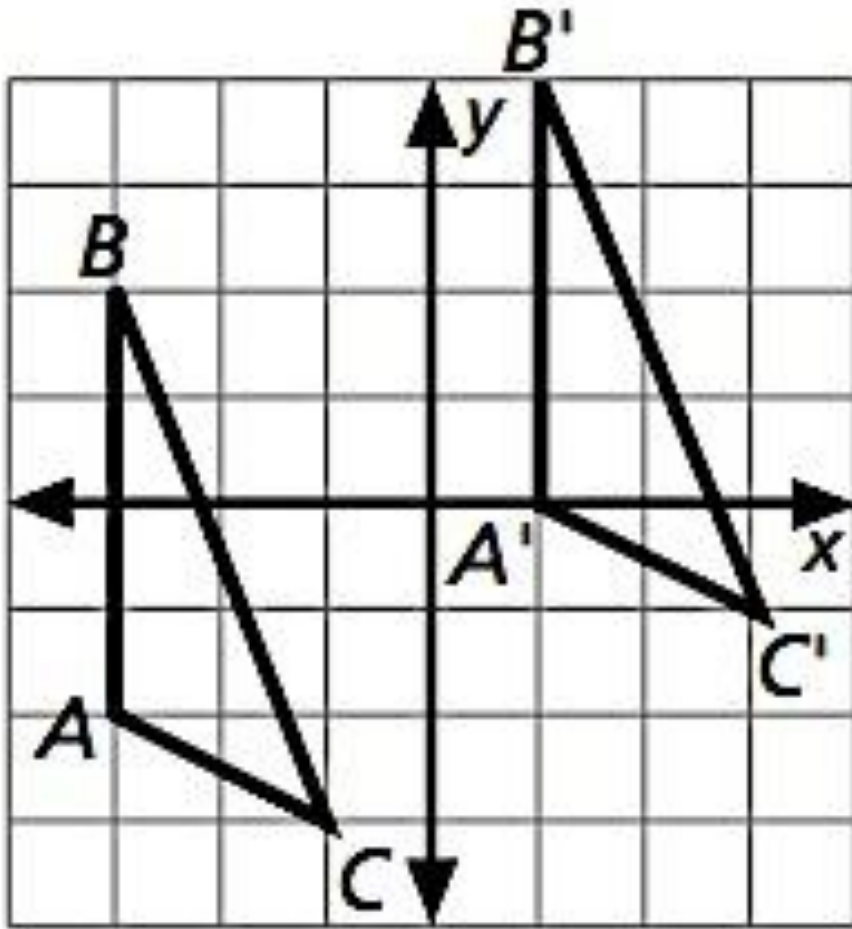
Translate $\triangle PQR$ 2 units right and 3 units down.



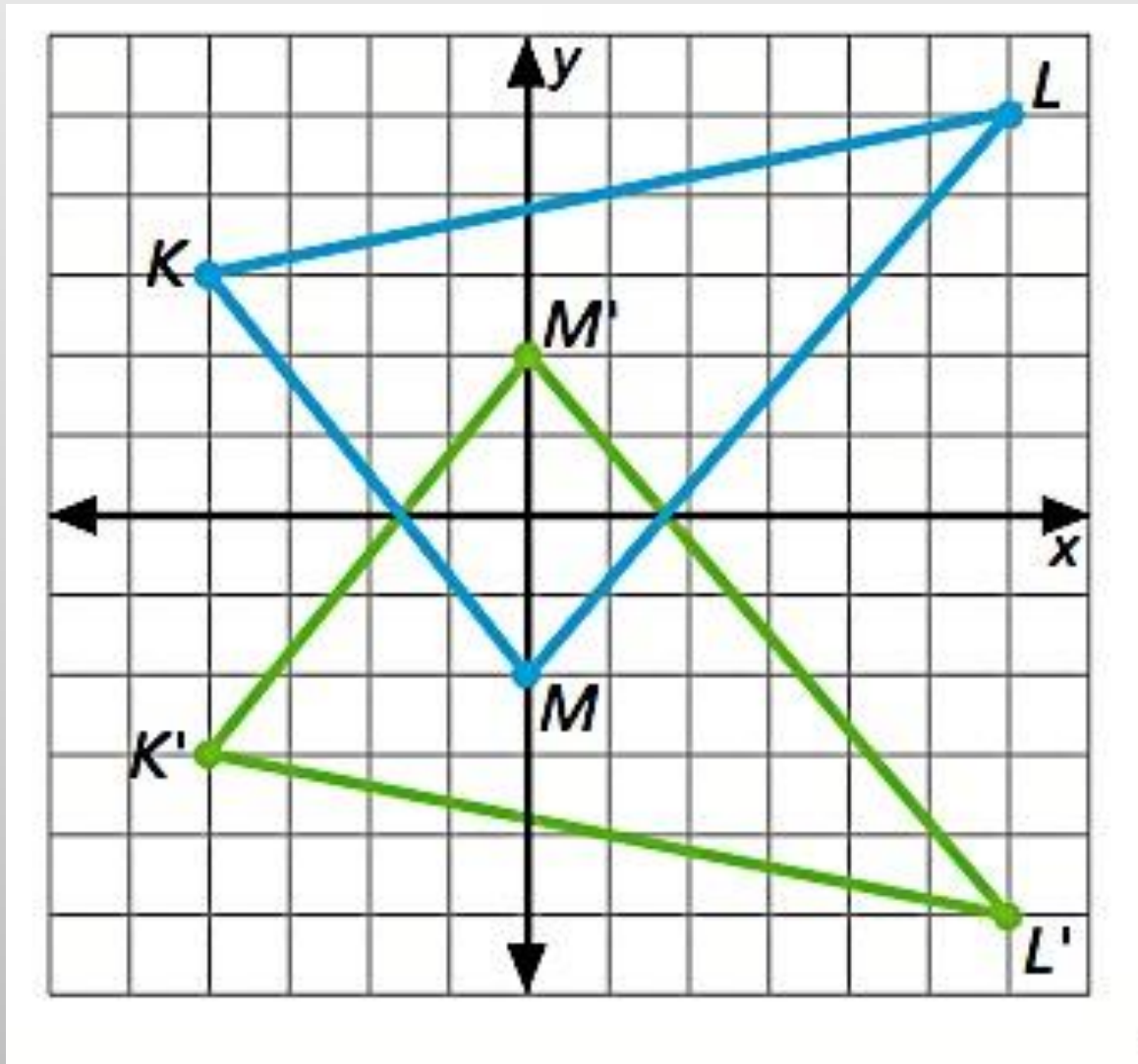
Reflect rectangle JKLM across the x-axis.



Describe this transformation.



Describe this transformation.



Transformations are often used to animate objects in computer games. In the game Jakob and Tristan are playing, the figure moved from position A to position B. Jakob said translating the figure then reflecting it created the move. Tristan said reflecting the figure then translating it created the move. Who is correct?

