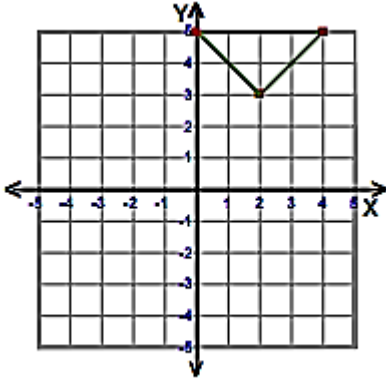


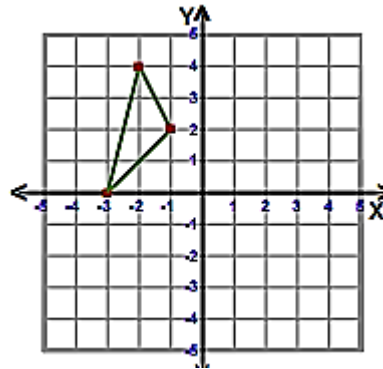
Name: _____

TRANSLATIONS Worksheet

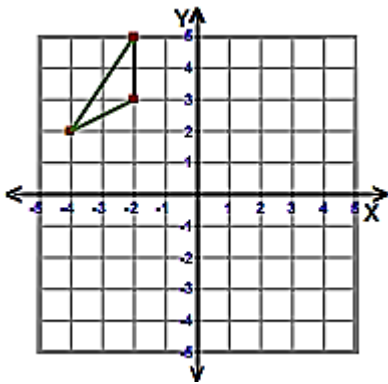
1) Translate the triangle $(x, y) \rightarrow (x-2, y-3)$.



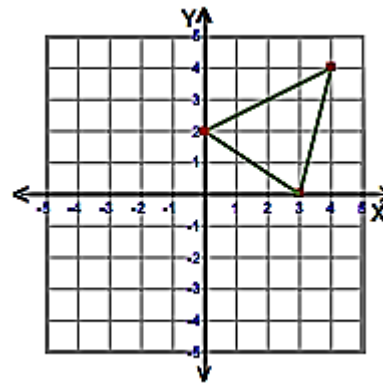
2) Translate the triangle $(x, y) \rightarrow (x+4, y)$.



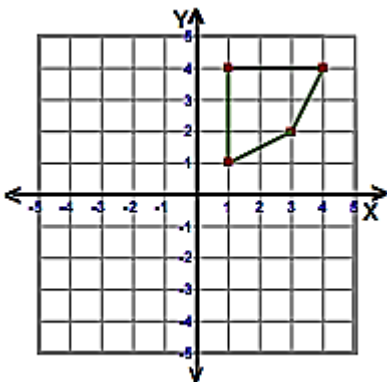
3) Translate the triangle $(x, y) \rightarrow (x+1, y-5)$.



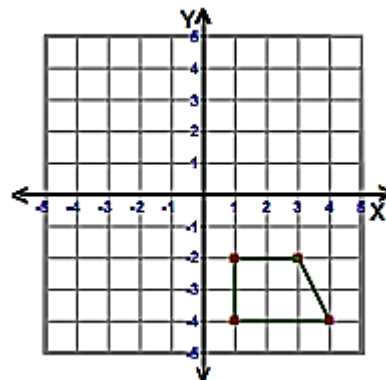
4) Translate the triangle $(x, y) \rightarrow (x-4, y-2)$.



5) Translate the quadrilateral $(x, y) \rightarrow (x, y-2)$.

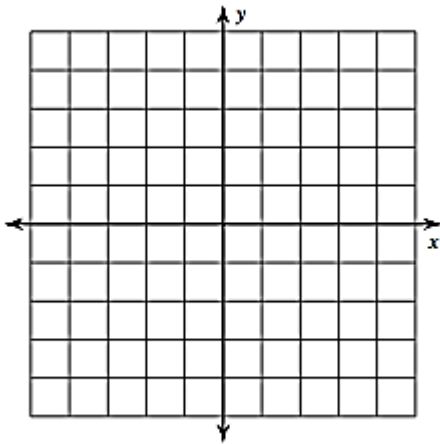


6) Translate the quadrilateral $(x, y) \rightarrow (x-1, y+3)$.



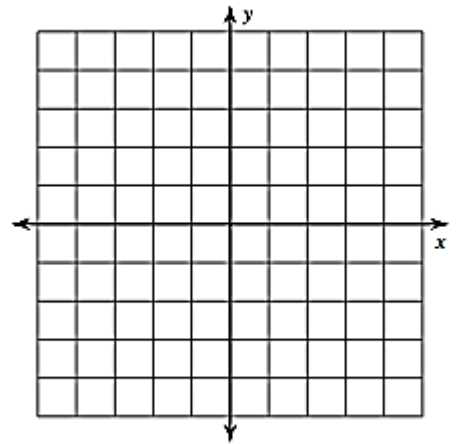
7) Translate the triangle $(x, y) \rightarrow (x-2, y)$
given:

U(2, 3)
M(5, 3)
L(4, -1)



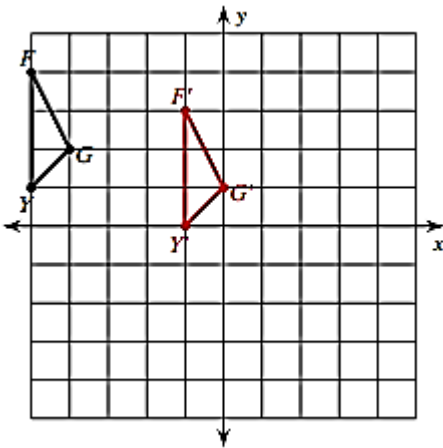
8) Translate the triangle $(x, y) \rightarrow (x+1, y-3)$
given:

U(4, 3)
M(-1, 3)
L(0, 2)



Write a rule to describe each transformation

9)



10)

