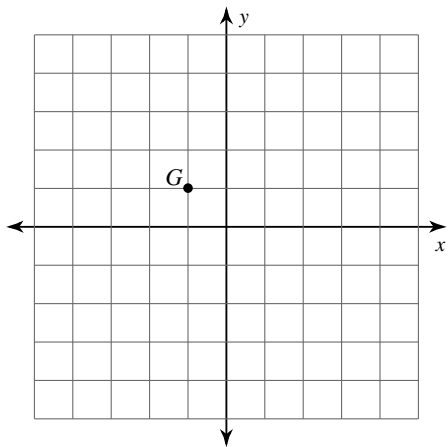


Assignment

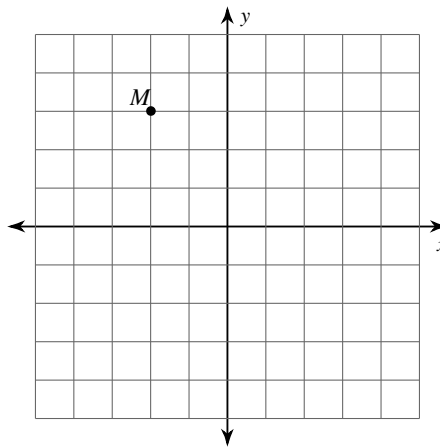
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Graph the image of the figure using the transformation given.

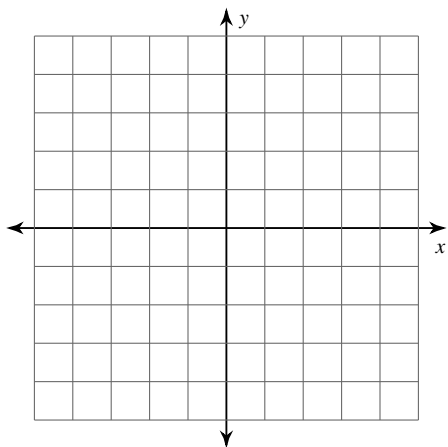
1) translation: 1 unit right and 1 unit up



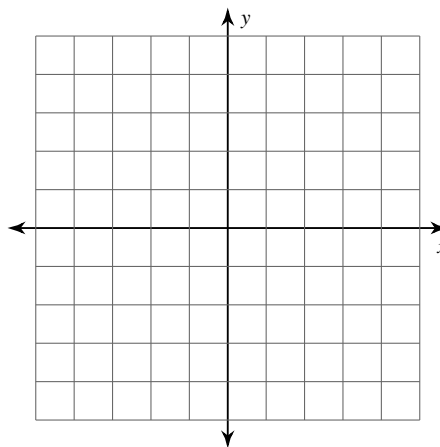
2) translation: 1 unit left and 6 units down



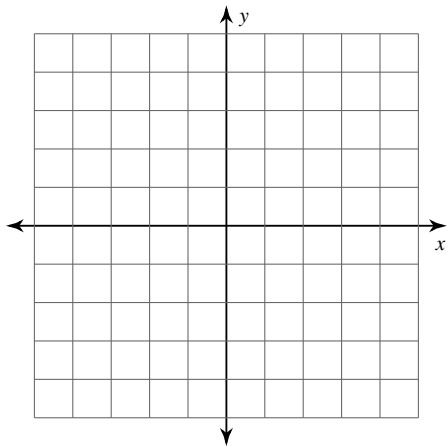
3) translation: 7 units right and 7 units up
 $Z(-3, -2)$



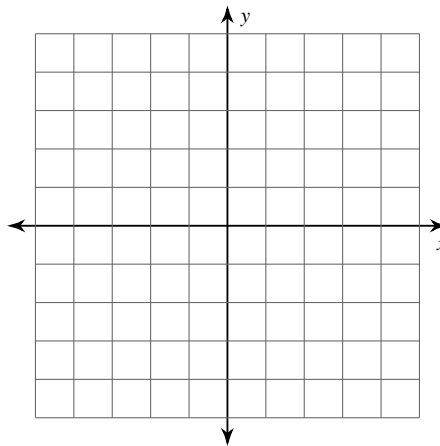
4) translation: 8 units left and 3 units up
 $C(3, 2)$



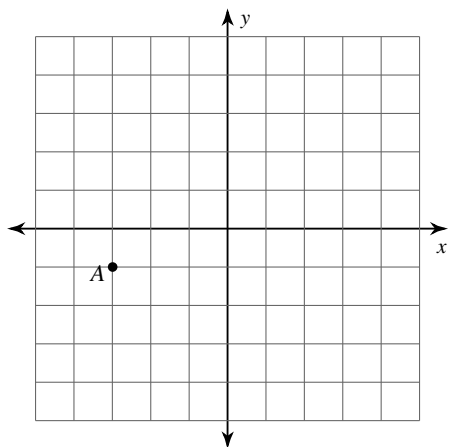
5) translation: $(x, y) \rightarrow (x - 1, y - 2)$
 $G(-3, -2)$



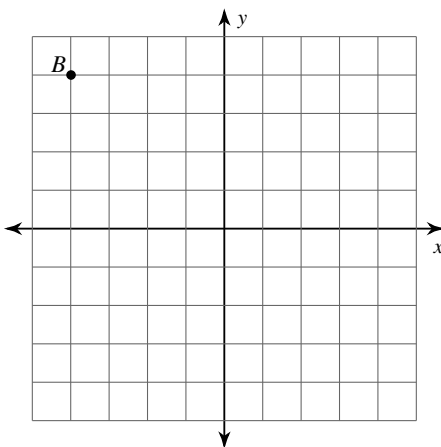
6) translation: $(x, y) \rightarrow (x + 4, y + 3)$
 $V(-5, -1)$



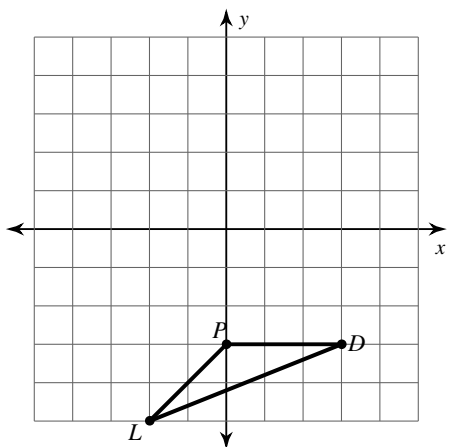
7) translation: $(x, y) \rightarrow (x - 2, y - 2)$



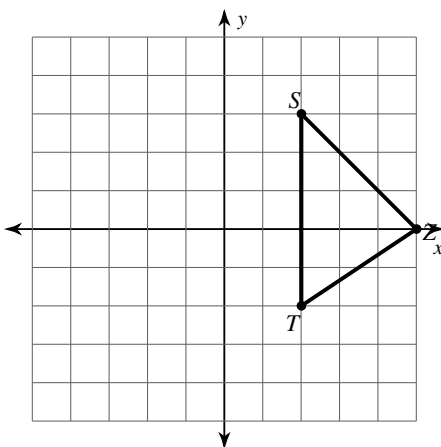
8) translation: $(x, y) \rightarrow (x + 5, y - 7)$



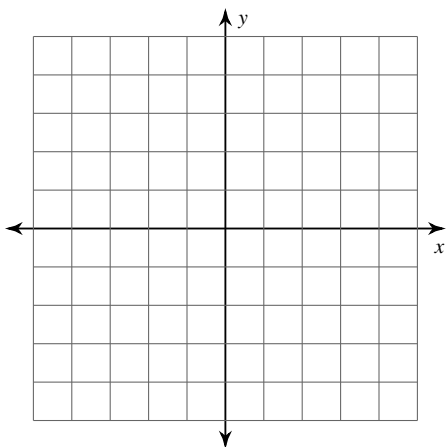
9) translation: $(x, y) \rightarrow (x + 2, y + 7)$



10) translation: $(x, y) \rightarrow (x - 6, y + 1)$



11) translation: $(x, y) \rightarrow (x, y - 7)$
 $P(0, 3), L(2, 5), D(5, 2)$



12) translation: $(x, y) \rightarrow (x - 2, y + 1)$
 $A(-3, -5), Q(-1, 0), I(-1, -4)$

