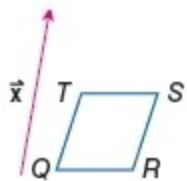


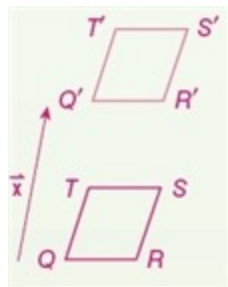
9-2 Translations

Copy the figure and the given translation vector. Then draw the translation of the figure along the translation vector.



2.

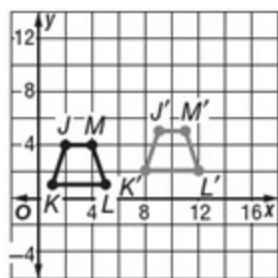
ANSWER:



Graph each figure and its image along the given vector.

4. trapezoid $JKLM$ with vertices $J(2, 4)$, $K(1, 1)$, $L(5, 1)$ and $M(4, 4)$; $\langle 7, 1 \rangle$

ANSWER:

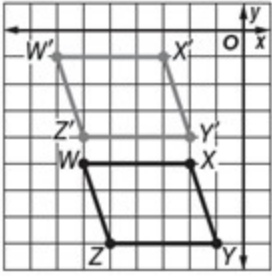


9-2 Translations

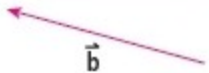
6. parallelogram $WXYZ$ with vertices $W(-6, -5)$, $X(-2, -5)$, $Y(-1, -8)$, and $Z(-5, -8)$;

$\langle -1, 4 \rangle$

ANSWER:

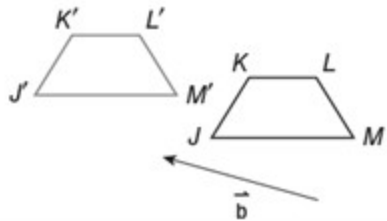


CCSS TOOLS Copy the figure and the given translation vector. Then draw the translation of the figure along the translation vector.

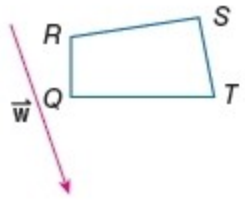


8.

ANSWER:

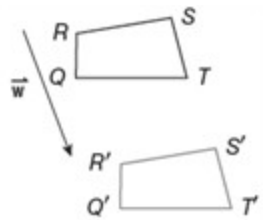


9-2 Translations

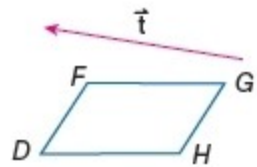


10.

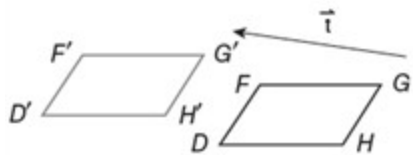
ANSWER:



12.



ANSWER:

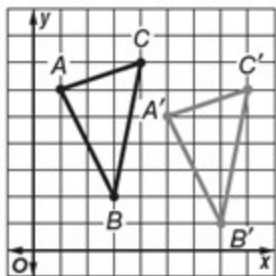


9-2 Translations

Graph each figure and its image along the given vector.

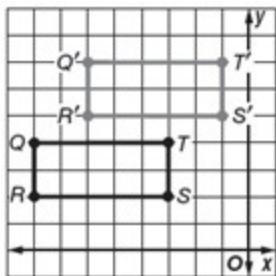
14. $\triangle ABC$ with vertices $A(1, 6)$, $B(3, 2)$, and $C(4, 7)$; $\langle 4, -1 \rangle$

ANSWER:



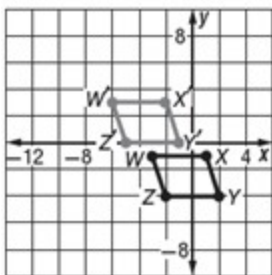
16. rectangle $QRST$ with vertices $Q(-8, 4)$, $R(-8, 2)$, $S(-3, 2)$, and $T(-3, 4)$; $\langle 2, 3 \rangle$

ANSWER:



18. $\square WXYZ$ with vertices $W(-3, -1)$, $X(1, -1)$, $Y(2, -4)$, and $Z(-2, -4)$; $\langle -3, 4 \rangle$

ANSWER:



9-2 Translations