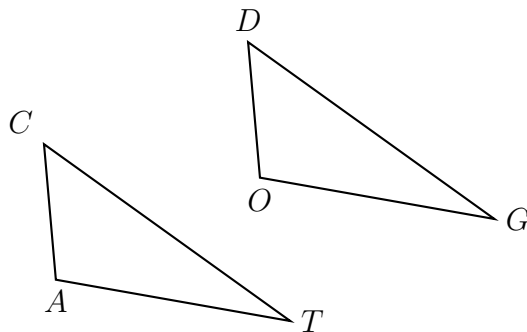


Name: _____

Do Now: Transformations practice

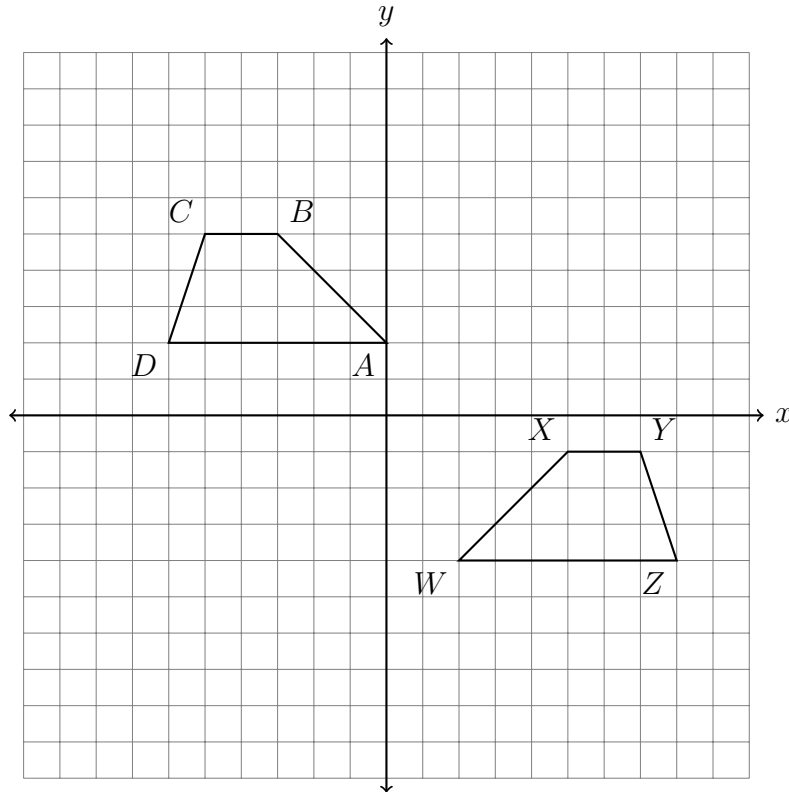
1. A translation maps triangle CAT onto triangle DOG .



Fill in the blank with the corresponding object.

- (a) $A \rightarrow$ _____
- (b) $\angle CTA \cong$ _____
- (c) _____ $\cong \overline{DG}$
- (d) Justify $\triangle CAT \cong \triangle DOG$.

2. The trapezoid $ABCD$, shown below, undergoes two rigid motions carrying it onto trapezoid $WXYZ$. State the two isometric transformations. (be specific)



3. Using a compass and straightedge, construct the perpendicular bisector of $\overline{BB'}$
What transformation has been applied to map $\triangle ABC$ on to $\triangle A'B'C'$?

