1. The two triangles in the coordinate plane below are similar. Define a similarity transformation that maps $\triangle$ NOP onto $\Delta N^{\prime} O^{\prime} \mathrm{P}^{\prime}$.

2. Create your own example - In the coordinate plane below draw two non-overlapping quadrilaterals that are similar. Then, define a similarity transformation that maps one of your quadrilaterals onto the other.

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