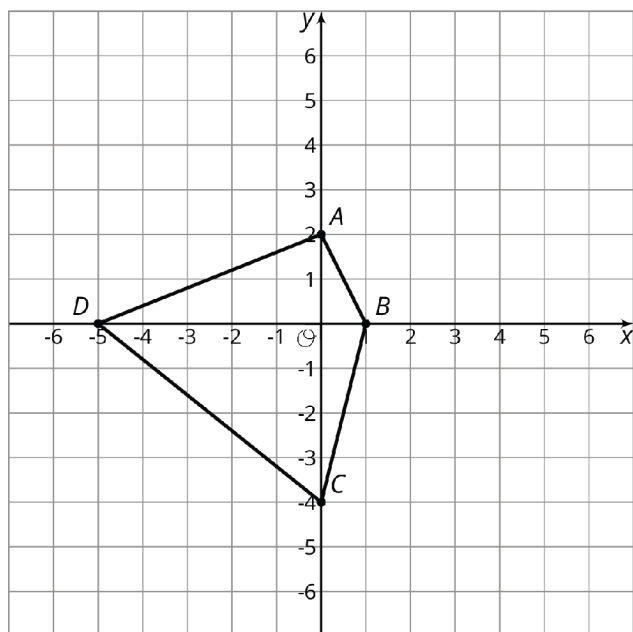


Info Gap: Transformation Information

Problem Card 1



Polygon $A'B'C'D'$ is the image of $ABCD$ after some transformations.

Find $A'B'C'D'$.

Info Gap: Transformation Information

Data Card 1

Translation: 2 units up and 3 units to the right

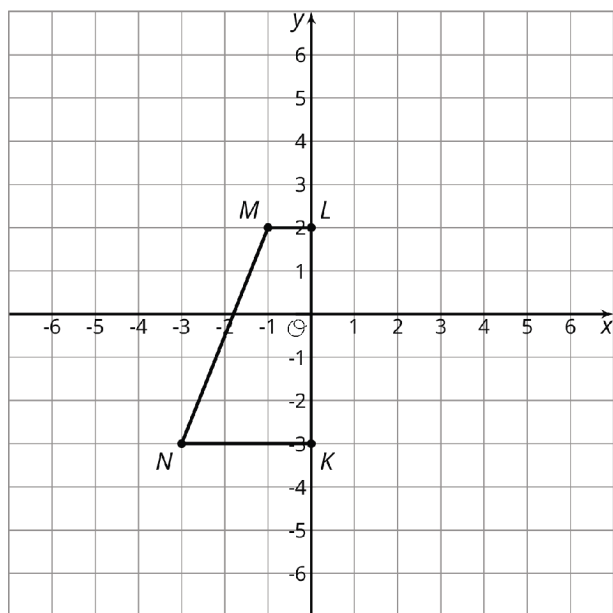
Rotation: none

Reflection: over x-axis

Order of Transformations: Translation first and then reflection

Info Gap: Transformation Information

Problem Card 2



Polygon $K'L'M'N'$ is the image of $KLMN$ after some transformations.

Find $K'L'M'N'$.

Info Gap: Transformation Information

Data Card 2

Translation: 1 unit left and 3 units down

Rotation: 90 degrees

Direction of rotation: clockwise

Center of rotation: $(0,0)$

Reflection: none

Order of transformations: Rotation first and then translation