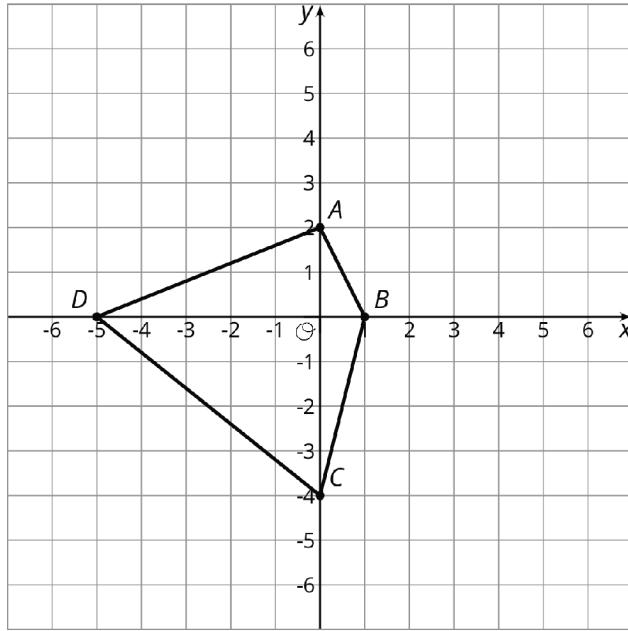


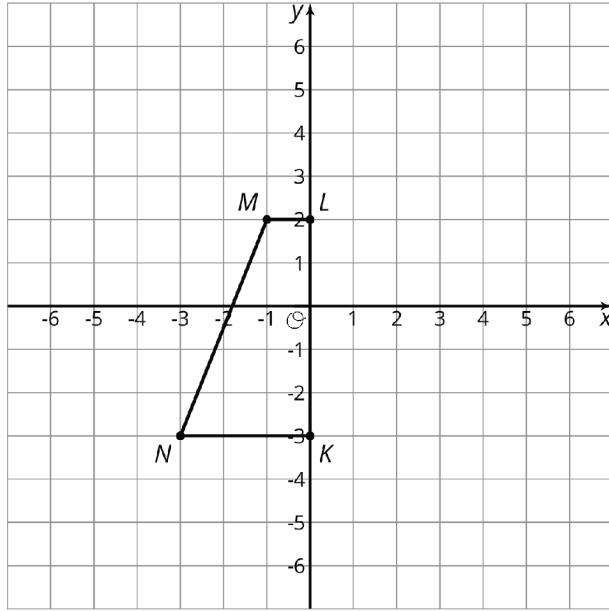
Info Gap: Transformation Information

**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

**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 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

**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