

A

$$T_{\langle -4, -3 \rangle}$$

D

$$T_{\langle 0, -4 \rangle}$$

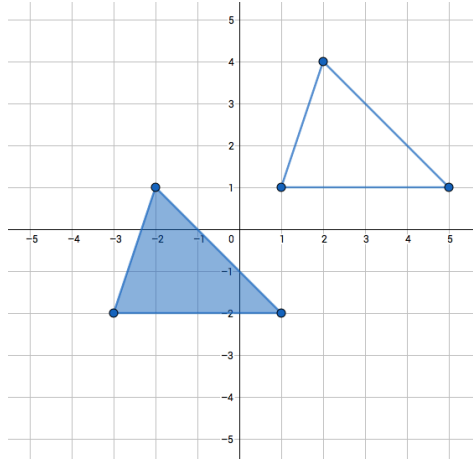
K

Translate 4 units to the left and 3 units down

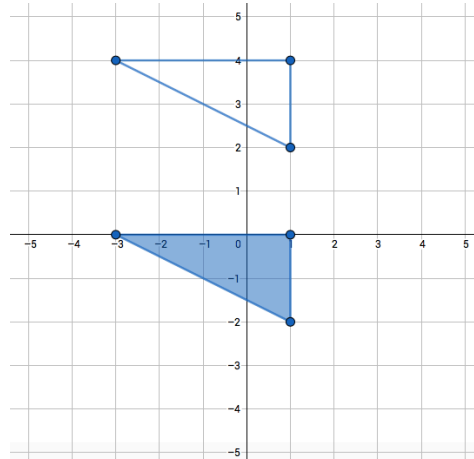
T

Translate 0 units horizontally and 4 units down

U



X



G

$$R_{x=2}$$

F

$$R_{x-axis}$$

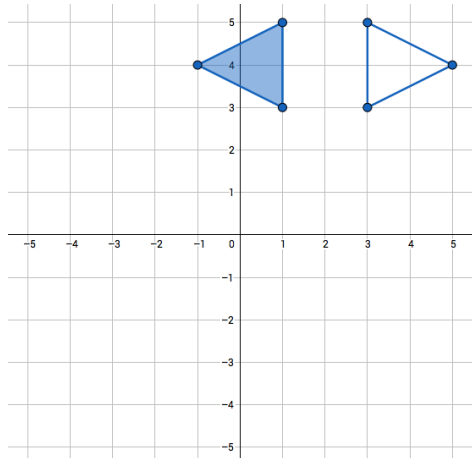
S

Reflect across the line  $x = 2$

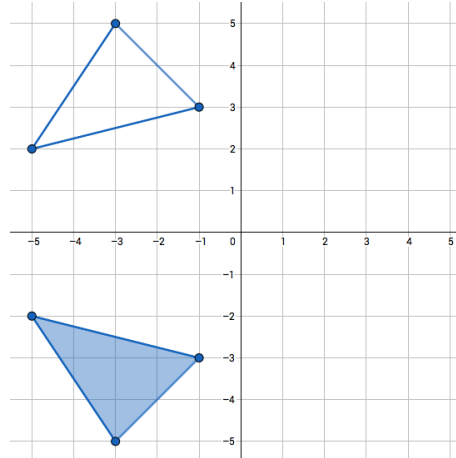
L

Reflect across the x - axis

Z



V



I

$$r_{(180^\circ, 0)}$$

J

$$r_{(270^\circ, 0)}$$

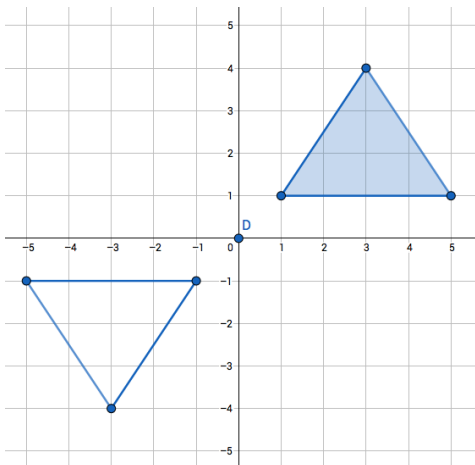
M

**Rotate 180 degrees  
about the origin**

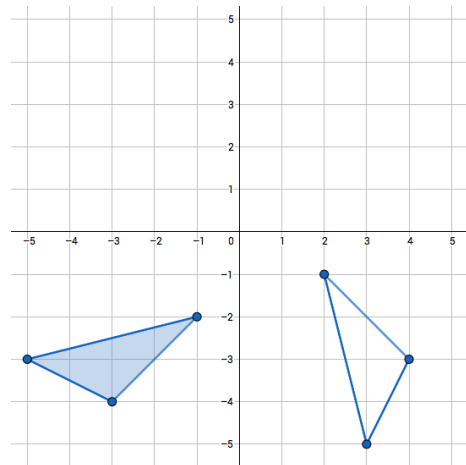
Q

**Rotate 270 degrees  
about the origin**

BB



DD



C

$$T_{\langle 4, -3 \rangle} \circ R_{y\text{-axis}}$$

B

$$T_{\langle -6, 0 \rangle} \circ r_{(180^\circ, 0)}$$

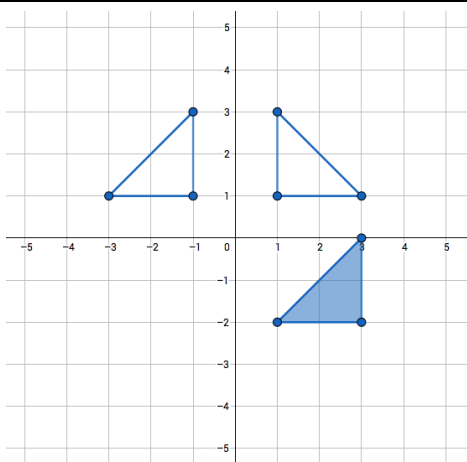
N

**Reflect across the y – axis and  
then Translate 4 units right  
and 3 units down**

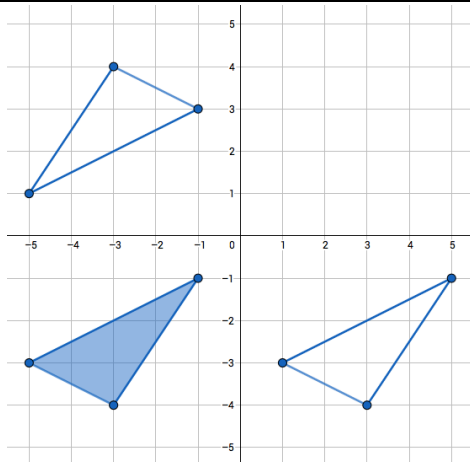
P

**Rotate 180 degrees, then  
Translate 6 units left and 0  
units vertically**

Y



W



CARDS THAT DO NOT HAVE A MATCH.

<div data-bbox="110 142 151 170" data-label="Text"><p>AA</p></div> <div data-bbox="207 142 673 598" data-label="Figure"></div>	<div data-bbox="824 142 865 170" data-label="Text"><p>CC</p></div> <div data-bbox="930 142 1388 598" data-label="Figure"></div>
<div data-bbox="110 625 131 653" data-label="Text"><p>O</p></div> <div data-bbox="175 667 737 793" data-label="Text"><p>Translate 3 units to the right and 4 units down</p></div>	<div data-bbox="824 625 846 653" data-label="Text"><p>R</p></div> <div data-bbox="878 659 1425 821" data-label="Text"><p>Translate 6 units left and 0 units vertically, then Rotate 180 degrees</p></div>
<div data-bbox="110 861 126 888" data-label="Text"><p>E</p></div> <div data-bbox="367 932 539 989" data-label="Equation-Block"><math display="block">r_{(90^{\circ},0)}</math></div>	<div data-bbox="824 861 846 888" data-label="Text"><p>H</p></div> <div data-bbox="1073 905 1227 961" data-label="Equation-Block"><math display="block">T_{\langle-4,0\rangle}</math></div>