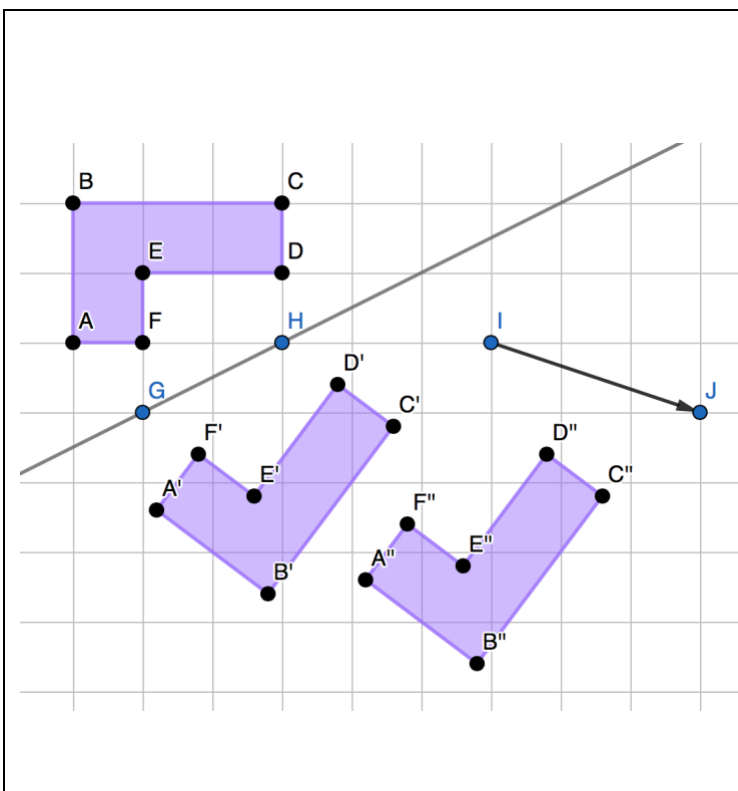


Sequences of Rigid Transformations Practice

Directions: Find a sequence of rigid transformations that takes the pre-image to the image. Make sure your directions are specific. You may use these sentence starters as reference:

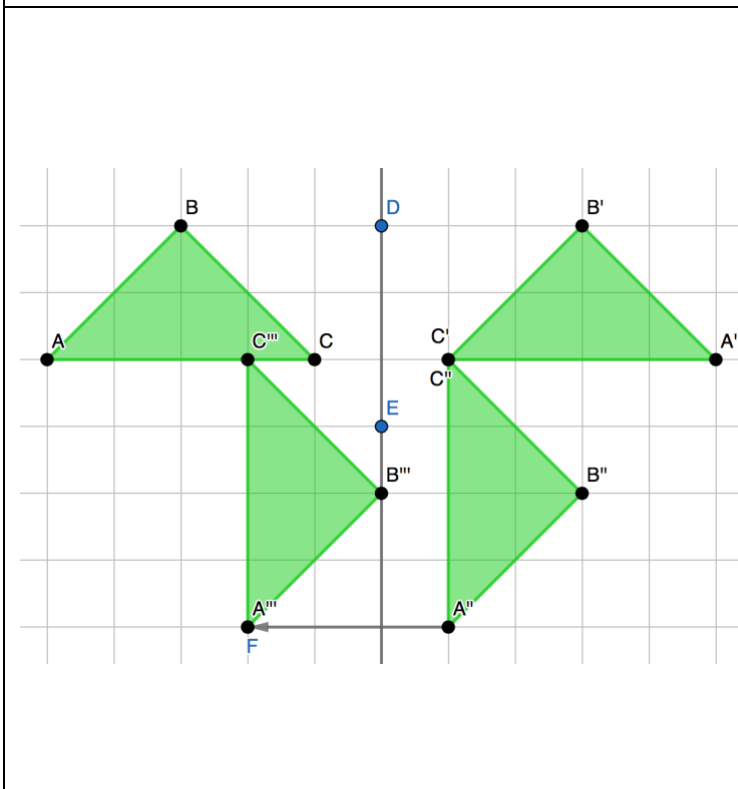
- Reflect figure _____ over line _____ to create figure _____ .
- Translate figure _____ by vector _____ to create figure _____ .
- Rotate figure _____ about point _____ clock-wise/counter clockwise _____ degrees to create figure _____ .

Transformation	Sequence
	<p style="color: #800040;">1) Reflect figure $ABCDE$ over line FG to create figure $A'B'C'D'E'$.</p> <p style="color: #800040;">2) Rotate figure $A'B'C'D'E'$ about point B' 90 degrees counter clockwise to create figure $A''B''C''D''E''$.</p>



1) Reflect figure ABCDEF over line GH to create figure A'B'C'D'E'F'.

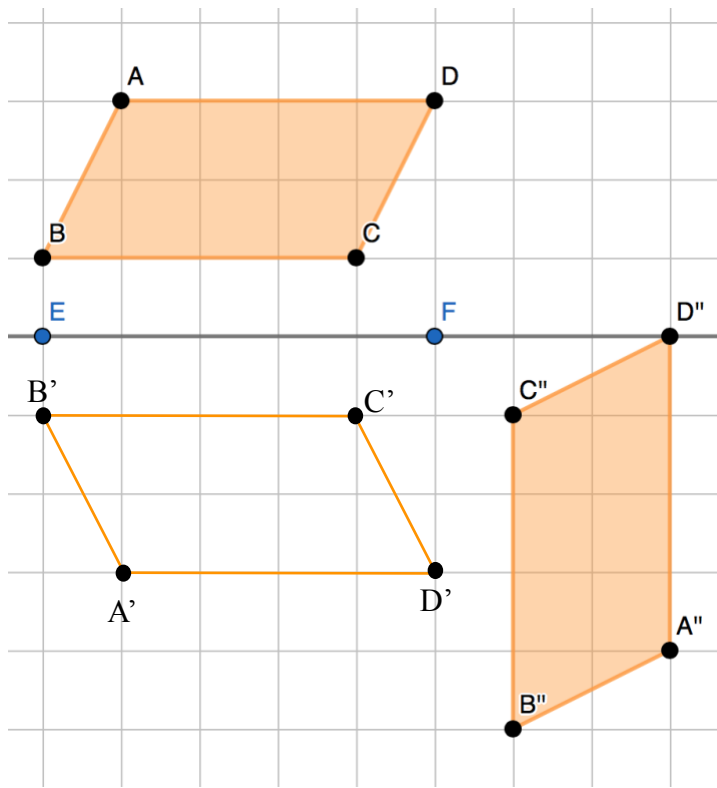
2) Translate figure A'B'C'D'E'F' by vector IJ to create figure A''B''C''D''E''F''.



1) Reflect triangle ABC over line DE to create triangle A'B'C'

2) Rotate triangle A'B'C' about point C' 90 degrees clockwise to create triangle A''B''C''.

3) Translate triangle A''B''C'' by vector A''F to create triangle A'''B'''C'''.



1) Reflect figure ABCD over line EF to create figure A'B'C'D'.

2) Rotate figure A'B'C'D' about point F 90 degrees counter clock-wise to create figure A''B''C''D''.