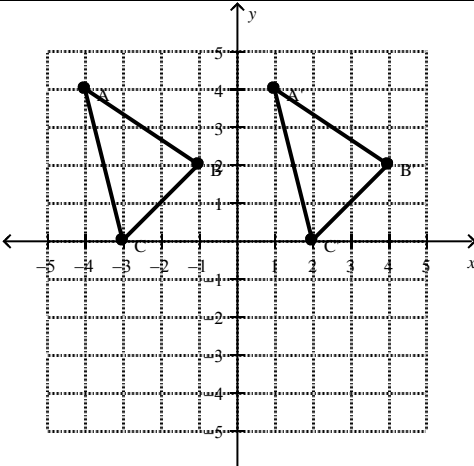
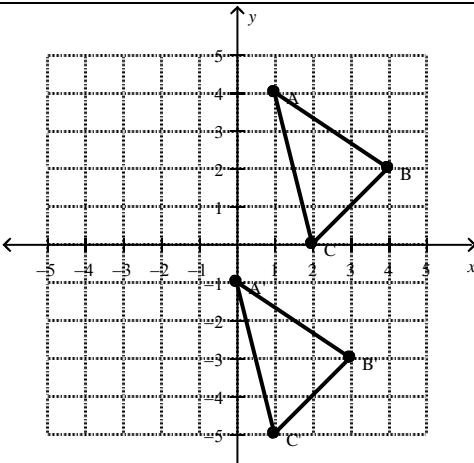
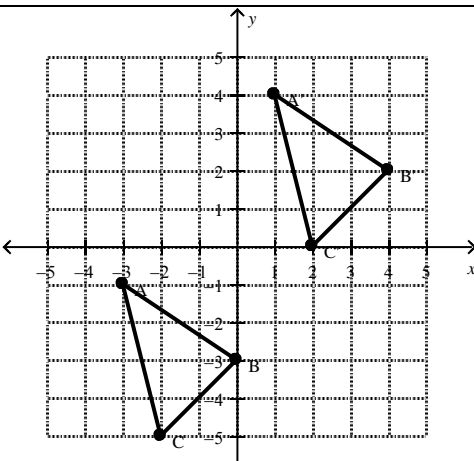


An Introduction to Translations

NAME _____

For each translation below, describe in words how the figure was moved, list the coordinates for the original figure and the translated figure, and then write a rule for the translation.

	Description in Words	Original and Translated Coordinates	General Rule
		$A(-4, 4) \rightarrow A'(1, 4)$ $B(-3, 1) \rightarrow B'(2, 1)$ $C(-3, 0) \rightarrow C'(2, 0)$	
		$A(1, 4) \rightarrow A'(-1, 4)$ $B(2, 1) \rightarrow B'(-2, 1)$ $C(2, 0) \rightarrow C'(-2, 0)$	
		$A(1, 4) \rightarrow A'(1, -4)$ $B(2, 1) \rightarrow B'(2, -1)$ $C(2, 0) \rightarrow C'(2, -5)$	

Describe in words what a translation is and draw a picture to support your answer. On the back of this sheet.