

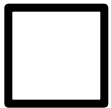
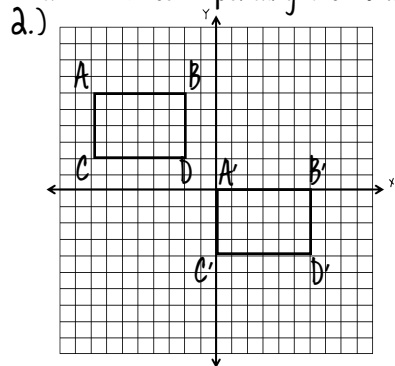
Translation Practice



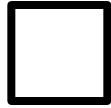
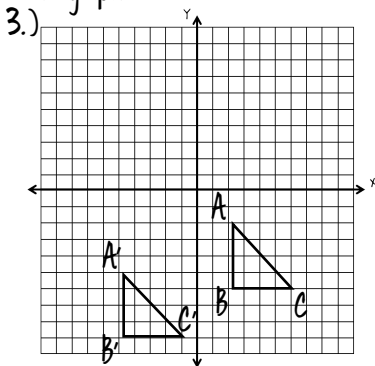
Name: _____
Hour: _____

1.) In your own words, describe a translation. What happens when a translation is completed? Does the pre-image change size? Are the figures congruent?

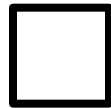
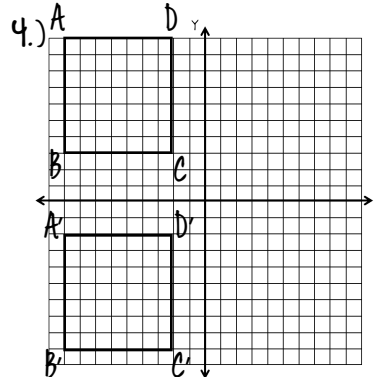
Below you will find five graphs with a figure that has been translated. Each graph has a coordinate notation translation listed below. Determine the correct answer and draw the corresponding face below the graph.



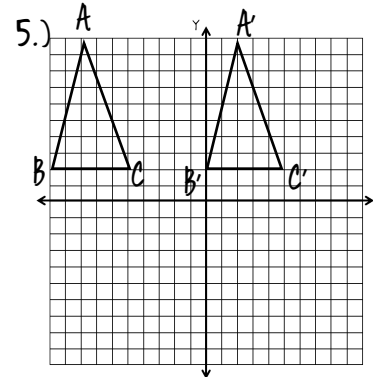
$X + 0, Y - 12$



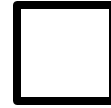
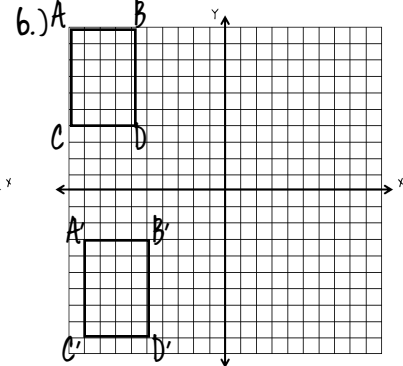
$X + 8, Y - 6$



$X + 1, Y - 13$

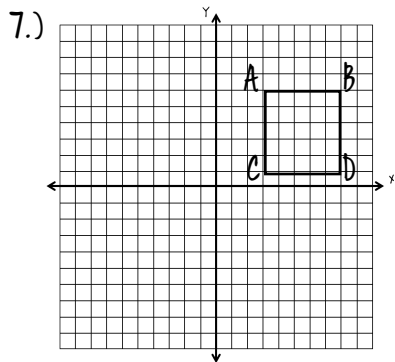


$X - 7, Y - 3$

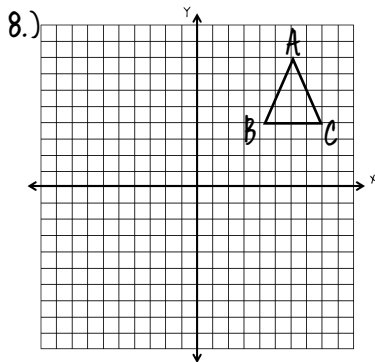


$X + 10, Y + 0$

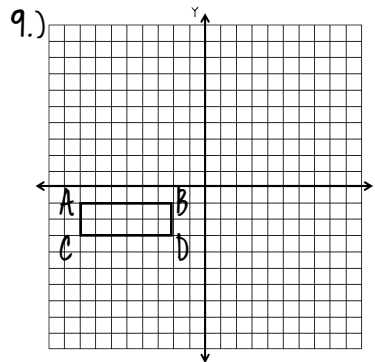
On each graph below, translate the pre-image according to the coordinate notation listed below the graph. Label all parts of the image. You may want to list the coordinate pairs on another piece of paper. Describe the translation in words on the lines below the coordinate notation. Label all parts of the image.



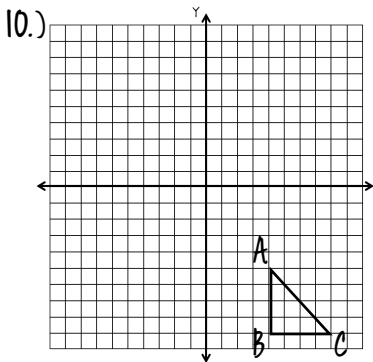
$X - 2, Y - 6$



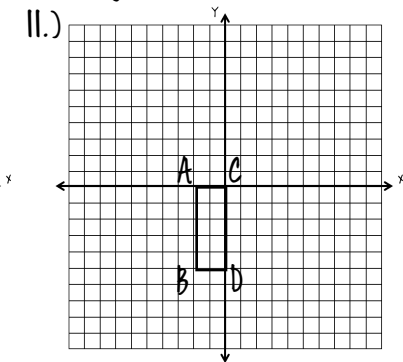
$X - 9, Y + 2$



$X + 8, Y - 5$



$X + 0, Y + 10$



$X + 2, Y + 5$