

2.2 Hats Off to Mug Wump Exit Task

Complete the chart below and write the rule that will move point A on Mug's 200% hat to Point A on Mug's original hat.

	Mug's Original Location	200% Mug Hat	Mug's 200% Hat starts at Mug's original location
Point	(x, y)	(2x, 2y)	
A	(1, 1)	(-3, 0)	(1, 1)
B	(9,1)	(14, 0)	
C	(6,2)		
D	(6,3)		
E	(4,3)		
F	(4,2)		
G	(1,1)		

How does changing the value of the coordinate pair change a figure's size and location?

Incorporate the following vocabulary into your response:

<i>Image</i>	<i>Figure</i>	<i>Similar</i>
<i>Factor</i>	<i>Multiplying</i>	<i>Addition</i>
<i>Subtraction</i>	<i>Distorted</i>	

“... x or y can change..... In order for, x and y must be , then.....•can be used to

.... will....., whereas....will.....•”
