

4.	Describe a transformation or series of transformations	
	that would result in Triangle ABC mapping onto	
	Triangle EFG with E(4,-2), F(4,-6), G(7,-6).	8
	-	
		6 B C
		X
		-10 -8 -6 -4 -2 2 4 6 8 10
		-4
		-10
5.	Triangle ABC has vertices A(4,0), B(8,0), and C(8,12).	. Which of the following would not result in
	Triangle A'B'C' being congruent to Triangle ABC?	
	A) Reflecting Triangle ABC across the y-axis.B) Rotating Triangle ABC 180° around the origin counter-clockwise.	
	C) Translating Triangle ABC 4 units left and 10	Junits down.
	D) Dilating Triangle ABC by a factor of 2.	
6	Figure ABCD has been rotated 180° around the	
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6.	origin, creating the figure with side lengths	
6.	•	8
6.	origin, creating the figure with side lengths represented by e, f, g, and h.	
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