DO NOW – Geometry Regents Lomac 2014-2015 Date 10/10 due 10/11 Constructing Reflections 2.4b					
(DN) Describe <b>rigid transformations</b> and <b>reflection</b> as if you were teaching your 6 year old cousin. Be sure that your description includes all of the defining qualities for each concept.		Name SLO:	I can use functin the plane.	tion notation to describe <b>reflections</b>	
(1) compass	Reflections – all the facts:  A new student has joined the class today. Describe in you know about reflections in terms of folding paper, of straightedge constructions, and the definition of a reflective the diagram at right to help you in your description description will use many (or all) of the following words crease, perpendicular, equidistant, bisector, center, confection, line segment, and diameter.	compass ection fun n. A quali s: radius,	and nction. ity T	R A A' R' T'	
(2) N10 Peer edit guideline	Peer Edit give your paper to another student who will  Editor:Comments:		t on your descrip		

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(3) N10	Reflections (notation) Use your notes to describe the reflection function in words and sketch a labeled diagram including the line of				
	reflection to illustrate the function.				
	$\Gamma_{\overline{AB}}(Q)$ means:	looks like:			
	□ r <sub>GR</sub> (△MZW) means:	looks like:			
<u>(4)</u>	Exit Ticket Describe each reflection with function notation.  (a) (b)	S' A			
<u></u> (5)	Homework  (1) Does the diagram at right show a triangle and its reflect across the line between them?  Describe how you know the state of the fall of the state of the fall of the state of				
	(2) Sketch each of the following:				

(b)  $\overrightarrow{VW}$  bisects  $\overline{XY}$ 

(c) ∠LMN ≅ ∠OPQ

(a)  $\overline{QR} \perp \overleftrightarrow{ST}$