<u>(2)</u>	☐ The bisector of the angle follows the crease you made which goes through	_ of the
continued	angle. To bisect the angle with a compass, we need to construct a point inside the angle that is (circ	cle one)
	closer to P closer to U the same distance from P and U	
	☐ To construct this point, set a distance on your compass (it doesn't matter what distance) and const	ruct a
	centered at point (blue) and construct a centered at point	(green)
	using the same radius measure for both circles. The point where the two circles	shows
	us a point that is equidistant from point and point because circle and circle	have
	the same Label this point M. Since point M is equidistant from the sides of the angle,	it must be
	on the of the angle which we creased and labeled ray	
	☐ When you constructed point M, was it on the crease you folded? Describe briefly why it did o	r did not
	fall on the crease	
(3) compass highlighters	Constructing Angle Bisectors:  Use your compass and the process you followed in (2) to verify the other three angle bisectors with your and construction.	compass
(4)	Exit Ticket	
	ON THE LAST PAGE	
(5) compass	Homework (1) Bisect the three angles below with a compass and straightedge	

	(5)
cont.	
omna	226

## Homework

(2) The steps used to bisect an angle are numbered and shown in the diagram. Complete the steps below.

(2) The steps used to blood an angle are numbered and shown in the diagram. Complete the steps below.					
_ to show all the					
and mark and label and					
to show all the points					
_ to show all the points					
This bisects the angle because point B and point K are					

1 B A A

(5)	Homework	
cont. compass	(4a) Construct circles A and B with the radius at right. ●	——●
	Å	<b>.</b> B
	(4b) Construct circles A and B with the radius at right.	•
	Å	B
	(4c) Construct circles A and B with the radius at right.	
	(10) Contact on old 7 tuna 2 mar and radial at high	

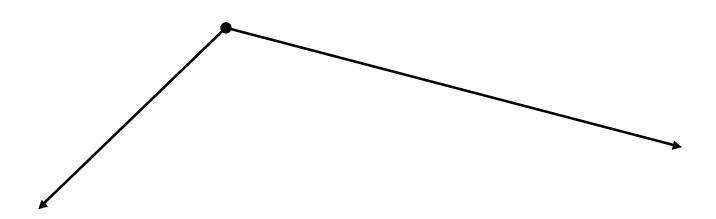
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**.** 

Exit Ticket Name\_\_\_\_\_\_ Date \_\_\_\_ Per\_\_\_\_\_ 8.3L

(1) The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by doing the following:

Bisect the angle below. Use a compass and straightedge and leave all construction marks.



DO NOW	Name	Date	Per	8.3L

(1) Construct an equilateral triangle in the space below. Choose a radius to use.

What appears to be true about all of the angle measures in the triangle you constructed?

(2) Describe why the cartoon below is supposed to make people smile. REALLY think about it.

