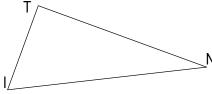
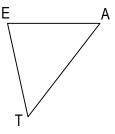
Geomet	try Regents Lomac 2015-2016	Date ½	due <u>1/5</u>	Similarity: Scale Drawings 5.1R
Name LO:	I can describe the qualities of sca	le drawings	Per_ and explain	n why they are useful.
	On the back of this packe	t		
<u></u> (1)	_			it means that all lengths change by the same scale factor that means "change by the same scale factor."
	Explain your choice. (b) Anyone who uses "pinch to proportional The top image of Sp	o zoom" on oongebob any not each	a phone or tand his friends	tablet is working with images that are to scale or is son your phone and you "pinch to zoom" to make the tures below could be the result of your "pinch to zoom"

	5.1F
(3)	How can we construct a scale drawing?
compass, straightedg	(a) Lavashia claims that she has constructed a scale drawing of triangle ABC and labeled it ADE.
e	
	\D
	B
	A C E
	A 10
	Use your compass and straightedge to compare the side lengths of triangle ADE and ABC.
	AD isas long as AB
	AE is as long as AC
	DE is as long as BC
	Lavashia has/has not (circle one) constructed a scale drawing of triangle ABC and labeled it ADE because
	Lavashia constructed her scale drawing by using a scale factor of
	(b) Use a scale factor of 3 (r = 3) and Lavashia's method to construct a scale drawing of triangle TIN and label i
	TOP. (Hint: Start by extending rays TI and TN.)
	T



(a) How do scale drawings help people make murals	2 / 1 1 411 / 111
[(a) Flow do scale drawlings help people make murais	
	- :
	- alalt /
(b) How do scale drawings help people compare larg	e objects that are far apart?
	_
	_
	Great Puramid Calgary Tower Fiffel Tower CN Tower
	Great Pyramid Calgary Tower Eiffel Tower CN Tower El Gizeh, Egypt Calgary, Canada Paris, France Toronto,
(c) How do scale drawings help people learn about o	
(c) How do scale drawings help people learn about o	
(c) How do scale drawings help people learn about o	
(c) How do scale drawings help people learn about o	bjects that are not always practical to have on hand
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	bjects that are not always practical to have on hand' Scale of 1x1 Scale of 2x1 Djects?
	bjects that are not always practical to have on hand
	bjects that are not always practical to have on hand

<u>(5)</u>	Exit Ticket ON THE LAST PAGE
(6) compass, straightedg e	Homework (a) Construct a scale drawing of triangle EAT using a scale factor of 4 (r = 4) and label the drawing E'A'T'

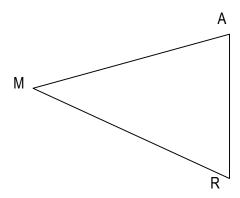


(a) Frow do sould drawn	ngs help people study	things that are v	ery very small	<i>!</i>	(N) 11(2)
		A.	Lateral nerve co	erebral ganglia—	
			Transverse nerve —		Intestir (anteri
		Pharyn	geal 700		Diverticulus
			1.50	Pharyngeal opening	Mot Mot
		(Inte (rig	estine ht posterior trunk	Pha
			200 200		
(a) How do scale drawing	gs help people under	stand the highly ι	nusual shape	of Barbie?	
,			W WOULD A REAL		TH BARBIE'S PRO
			<i>₫</i>	Δ I	
					7ft 6in
			5ft 6in	528in 5 stt	7ft 6in
			5ft 6in	F 28In = 5ft 6in	7/t 6in -20in-1
			Sft 6in		120in-1 -29in-1
				Libby	Libby, 5ft 6in Libt all, with a will Barbie's and
			Barbie	Libby	120in-1 129in 1 Libby, 5ft 6in Libb tall, with a w
☐ (a) How do scale drawin	igs help people travel	?	Barbie	Libby	Libby, 5ft 6in Libt all, with a will Barbie's and
(a) How do scale drawin	gs help people travel	?	Barbie	Libby	Libby, 5ft 6in Libt all, with a will Barbie's and
(a) How do scale drawin	igs help people travel	?	Barbie	Libby	Libby, 5ft 6in Libt all, with a will Barbie's and
(a) How do scale drawin	igs help people travel	?	Barbie	Libby	Libby, 5ft 6in Libt all, with a will Barbie's and
(a) How do scale drawin	gs help people travel	?	Barbie	Libby	Libby, 5ft 6in Libt all, with a will Barbie's and

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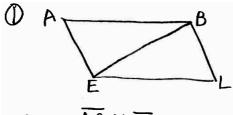
(1) The LO (Learning Outcomes) are written below your name on the front of this packet. Demonstrate your achievement of these outcomes by doing the following:

Use your compass and straightedge to construct a scale drawing of triangle MAR and label it M'A'R'. Use scale factor r = 2. Describe what makes M'A'R' a scale drawing.



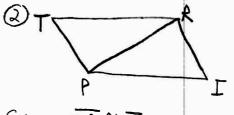
(1) PROOF PROGRESS **H**: Write a proof for #1 or #2.

Attach this to the top of your "Proof Progress" packet with a paper clip.



Given: AB & EL AE & BL

Prove: ABILEL



Given: TR≅PI TP≅RI

Prove: ATRP="A

You have to hame it in the covered order

(2) What about this cartoon is supposed to make people smile?

