

UNIT 8 SCHEDULE: Transformations & Congruence

You may correct missed problems on HW's on a SEPARATE piece of paper and come re-grade by TEST DAY to get half points back.	Date Assigned	Lesson	Daily Objective	HW	HW Due Date	HW Score	HW ✓
	(B) Fri. Mar 3 (A) Tues. Mar 7	8-1	Translations and Reflections	8-1 HW		_____/_____ _____%=__	
	(B) Wed. Mar 8 (A) Thurs Mar 9	8-2	Rotations around the Origin	8-2 HW		_____/_____ _____%=__	
	(B) Fri. Mar 10 (A) Mon Mar 13	8-3	Rotations around a Vertex	8-3 HW		_____/_____ _____%=__	
	(B) Tues Mar 14 (A) Wed Mar 15	8-4	Dilations	8-4 HW		_____/_____ _____%=__	
	(B) Thur Mar 16 (A) Fri. Mar 17	8-5	Compositions of Transformations	8-5 HW		_____/_____ _____%=__	
	(B) Mon Mar 20 (A) Tues Mar 21	8-6	Congruency	8-6 HW		_____/_____ _____%=__	
	(B) W Mar 22 (A) Th Mar 23	8-7	Similarity & Indirect Measure	8-7 HW		_____/_____ _____%=__	
	(B) Fri Mar 24 (A) Mon Mar 27	U8 Review	Review Day	U8 Review Sheet		_____/_____ _____%=__	
(B) Tues Mar 28 (A) Wed Mar 29	U8 Test	Test Day	None ☺				

Unit 8 Quizzes & Test

Date Given	Lesson #	Daily Objective	Original Score	Need to Retake?	Passed Quiz?
(B) Thur Mar 16 (A) Fri. Mar 17	8-1,2,3,4,5	Transformations			
(B) Fri Mar 24 (A) Mon Mar 27	8-6,7	Similarity & Congruence			
	ALL	UNIT 8 TEST			

INTERMEDIATE 2 *This Paper is due the day of the Test.*

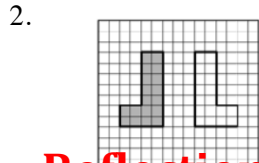
Quiz Practice Questions: (Key will be posted on my website)

Transformations

State whether the transformation shown is a dilation, rotation, reflection, or translation.



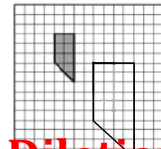
Translation



Reflection



Rotation



Dilation

A Rectangle has the co-ordinates M(-6,-4) N(-6,-1) P(-2,-1) Q(-2,-4).

Give the new co-ordinates for the rectangle if it were: (Graphs provided, if needed.)

5. dilation with a scale factor of $1\frac{1}{2}$.

M'(-9, -6)
N'(-9, -1.5)
P'(-3, -1.5)
Q'(-3, -6)

7) rotation of 90° clockwise around origin

M'(-4, 6)
N'(-1, 6)
P'(-1, 2)
Q'(-4, 2)

6. reflection across the x-axis

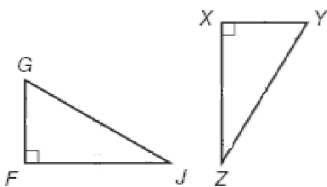
M'(-6, 4)
N'(-6, 1)
P'(-2, 1)
Q'(-2, 4)

8) translation up 5 units and to the right 3 units.

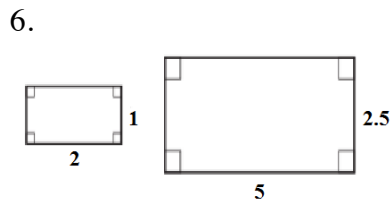
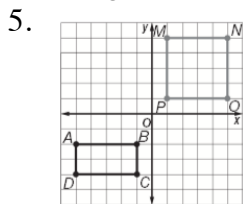
M'(-3, 1)
N'(-3, 4)
P'(1, 4)
Q'(1, 1)

Congruence and Similarity

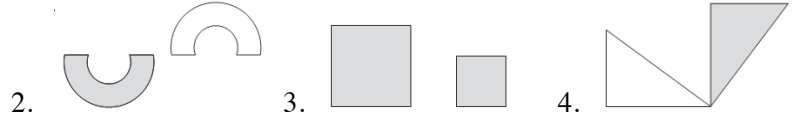
1. Write congruence statements comparing the corresponding parts in the congruent triangles shown below.



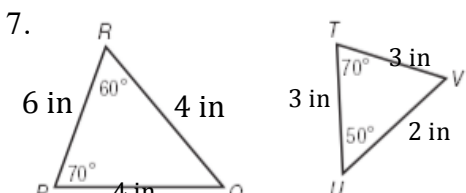
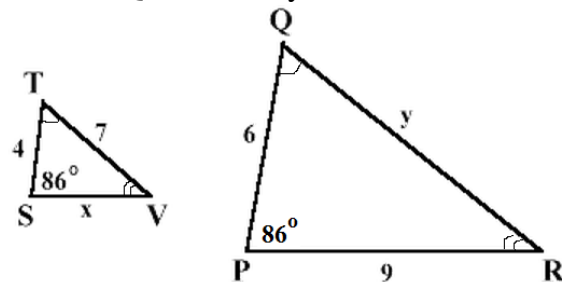
Determine if the two figures are similar. Explain your reasoning.



Determine if the two figures are congruent by using transformations. Explain your reasoning.



8. Find the missing measurement of x and y if $\triangle TSV \sim \triangle QPR$. Show your work.



State the transformations that map the following figures.

