

Assignment Record Sheet

Math Core C

Full Name: _____

Week: 9/16 - 9/20/19

Unit Name: Shapes and Designs

Periods: 3 & 5

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
Monday Sept. 16	When two parallel lines are cut by a transversal, what can be said about the eight angles that are formed?	WU: Word Problems wksht CW: Unit Test Review – Day 1 HW: None	WU: CW: HW:		
Tuesday Sept. 17	When two parallel lines are cut by a transversal, what can be said about the eight angles that are formed?	WU: Long Division wksht CW: Unit Test Review – Day 2 HW: Study for Test	WU: CW: HW:		
Wed. Sept. 18	When two parallel lines are cut by a transversal, what can be said about the eight angles that are formed?	WU: None CW: Unit Test – Day 1 HW: None	WU: CW: HW:		
Thursday Sept. 19	When two parallel lines are cut by a transversal, what can be said about the eight angles that are formed?	WU: None CW: Unit Test – Day 2 HW: None	WU: CW: HW:		
Friday Sept. 20	When two parallel lines are cut by a transversal, what can be said about the eight angles that are formed?	WU: None CW: STAR 360 HW: None Turn in your packet	WU: CW: HW:		

Total Homework Score for the Week: _____/75

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Daily Materials Score _____/25

Unit Test Review for use after Investigation 3

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1.
 - a. What is the *interior angle sum* of a regular octagon?
Explain your reasoning.

 - b. How many degrees are in *one exterior angle* of a regular octagon?

2. A triangle has sides of 4 and 6 units. The measurement of the longest side is missing.
Ted says that one possibility for the unknown side length is 11.
Do you agree with Ted? Why or why not?

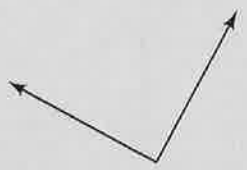
3. Is a triangle with angle measures 46° , 35° , and 100° possible? Explain why or why not.

clw

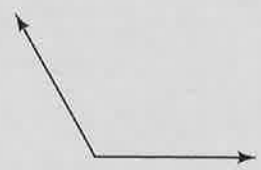
Unit Test Review (continued)

4. Estimate the measures of the angles below.

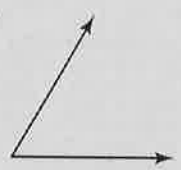
a.



b.



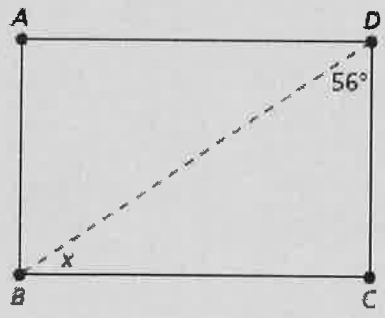
c.



d.

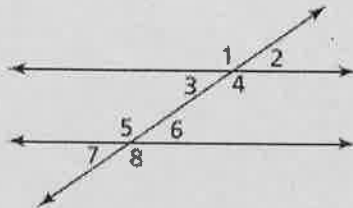


5. Use rectangle $ABCD$ with diagonal DB . Find the measure of the angle marked x . Show your work.



Unit Test Review (continued)

6. Use the figure below which shows parallel lines and a transversal.
 The measure of $\angle 2$ is 45° . Find the measures of angles 1, 3, and 6.
 Explain how you found each measure.



- a. measure of $\angle 1 =$ _____
- b. measure of $\angle 3 =$ _____
- a. measure of $\angle 6 =$ _____
7. a. Suppose the measure of an angle is 25° . What is the measure of its complementary angle?
- b. Draw the angles to show that you are correct.

Unit Test Review (continued)

8. a. Suppose two angles are supplementary and one of them measures 31° .
What is the measure of the other angle?
- b. Draw the angles to show that you are correct.
9. Draw a parallelogram with two sides of length 5 cm, two sides of length 3 cm, and angles of 50° and 130° .
10. Draw a triangle ABC with $AB = 7$ cm, $BC = 5$ cm, and $\angle ABC = 65^\circ$.