Assignment Record Sheet

Math Core C

Full Name: _____ **Week: 12/2 - 12/6**

Unit Name: Stretching and Shrinking Periods: 3 & 5

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
Monday Dec. 2	*How can you decide whether or not two shapes are similar?*	**WU:** None **CW:** Unit Test Corrections **HW:** None	**WU:** **CW:** **HW:**		
Tuesday Dec. 3	*What information does the ratio of adjacent side lengths within a rectangle give you?*	**WU:** Vocabulary (IP) **CW:** Prob. 4.1 A-B (IP) **HW:** ACE #1 p. 90	**WU:** **CW:** **HW:**		
Wed. Dec. 4	*What information does the ratio of adjacent side lengths within a rectangle give you?*	**WU**: None **CW:** Math Review **HW:** None **Turn in your packet**	**WU:** **CW:** **HW:**		
Thursday Dec. 5	*How can you use ratios of side lengths to determine whether or not the triangles are similar?*	**WU**: Vocabulary (IP) **CW:** Prob. 4.2 A-B (IP) **HW:** ACE #12 (IP)	**WU:** **CW:** **HW:**		
Friday Dec. 6	*If two shapes are similar, how can you use information about the shapes to find unknown side lengths, perimeters, and areas?*	**WU**: Finding Missing Side Lengths video **CW:** Prob. 4.3 A-B (IP) **HW:** None **Turn in your packet**	**WU:** **CW:** **HW:**		

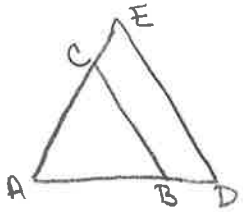
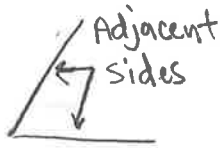
Total Homework Score for the Week: _____/75

Daily Materials Score _____/25

w/u

Name ..... Date 12/3-12/5 Class Per. 3&5

Stretching and Shrinking (continued)

Term	Definition	Example
rep-tile		
nested triangles	Triangles that share a common angle.	
adjacent sides	Two sides that meet at a vertex.	
ratio	A comparison of two quantities.	3 for every 5 3:5 $\frac{3}{5}$
equivalent ratios	Ratios whose fraction representations are equivalent.	$\frac{3}{4} = \frac{6}{8}$
proportion	An equation stating that two ratios are equal	$\frac{10}{8} = \frac{5}{4}$ $\frac{8}{10} = \frac{4}{5}$

Name ..... Date 12/3/19 Class Per. 3&5

Lesson 4.1 Problem A

(Shapes and measurements are on pgs. 82-83 of *Stretching and Shrinking Unit*)

Ratio Recording Sheet

Figure	Length	Width	Length-to-Width Ratio
Rectangle A			
Rectangle B			
Rectangle C			
Rectangle D			

Which rectangles are similar? How do you know?

Problem B

Figure	Length	Width	Length-to-Width Ratio
Parallelogram E			
Parallelogram F			
Parallelogram G			

Which of the parallelograms are similar? How do you know?

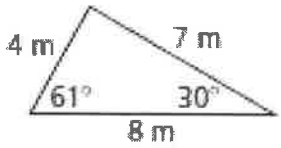
Name ..... Date 12/5/19 Class Per. 3&4

Lesson 4.2 Problems A

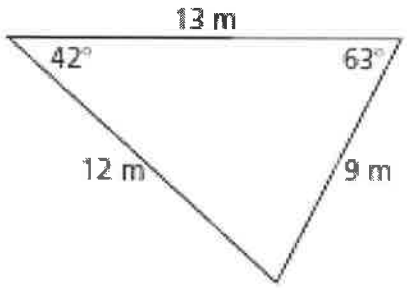
Which triangles are similar?

How do you know?

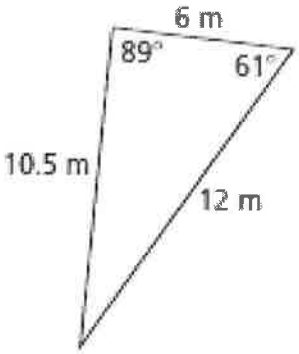
Triangle A



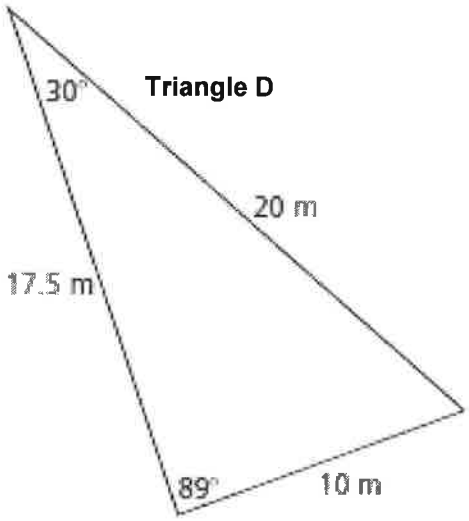
Triangle B



Triangle C



Triangle D



Problem B

1. Within each triangle, find the ratio of shortest side to longest side.

   Triangle A:

   Triangle B:

   Triangle C:

   Triangle D:

h/w

Name ..... Date 12/5/19 Class Per. 3&4

Labsheet 4ACE

Exercise 12

1. Suppose you want to buy new carpeting for your bedroom. The bedroom floor is a **9-foot-by–12-foot** rectangle. Carpeting is sold by the **square yard**.

   a. How much carpeting, **in square yards,** do you need to buy?

   HINT: How many feet are there in 1 yard?

   HINT: What are the dimensions of the bedroom in yards?

   b. Carpeting costs $**22 per square yard.** How much will the carpet cost?

CW

Name ..... Date 12/6/19 Class Per. 3&5

Lesson 4.3 Similar Polygons

Each pair of figures is similar. Find the missing side lengths.