

# Assignment Record Sheet

Math Core B

Full Name: \_\_\_\_\_

**Week: 9/16-9/20**

Unit Name: Covering & Surrounding

Period: 2

Date Assigned	Focus Question??	Homework (IP=in packet)	Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
<b>Monday Sept. 16</b>	What are the formulas for finding the area and perimeter of a rectangle?	<b>WU:</b> Multiplication/Word Problems wkshts <b>CW:</b> Prob. 1.1 A-B (IP); video launch <b>HW:</b> ACE #7-10 p.15	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Tuesday Sept. 17</b>	Does it make any difference which side is used as the base when finding the area of a triangle?	<b>WU:</b> Vocabulary (IP) <b>CW:</b> Prob. 2.2 A-C (IP) <b>HW:</b> ACE #14-18 p. 44	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Wed. Sept. 18</b>	What can you say is true and what can you say is not true about triangles that have the same base and height?	<b>WU:</b> Vocabulary (IP) <b>CW:</b> Prob. 2.3 A & C p. 40 <b>HW:</b> ACE #19-21 p.45	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Thursday Sept. 19</b>	What conditions for a triangle produce triangles that have the same area? Do they have the same shape? Explain	<b>WU:</b> Vocabulary (IP) <b>CW:</b> Prob. 2.4 A-D p.41 <b>HW:</b> ACE #23-24 p. 46	<b>WU:</b> <b>CW:</b> <b>HW:</b>		
<b>Friday Sept. 20</b>	What conditions for a triangle produce triangles that have the same area? Do they have the same shape? Explain	<b>WU:</b> None <b>CW:</b> STAR 360 <b>HW:</b> None <b>Turn in your packet</b>	<b>WU:</b> <b>CW:</b> <b>HW:</b>		

**Total Homework Score for the Week: \_\_\_\_\_/75**

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**Daily Materials Score \_\_\_\_\_/25**

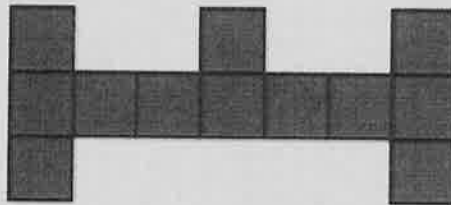
**Labsheet 1.1A**

**Designs A–D**

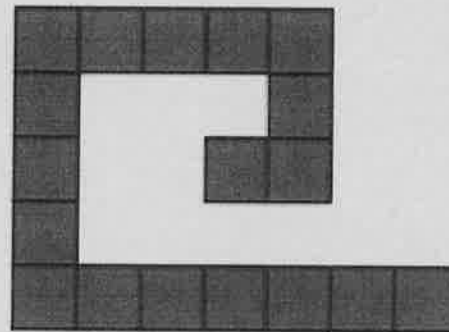
**Bumper Car Floor Plans**

Design	Area	Perimeter	Cost
A			
B			
C			
D			

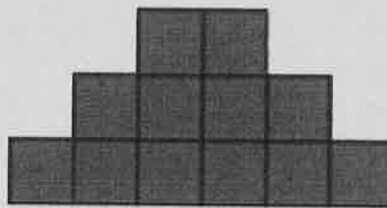
**Design A**



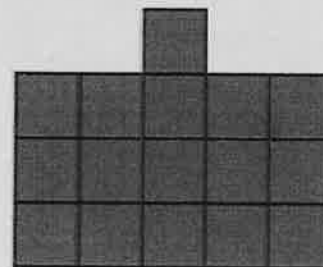
**Design B**



**Design C**

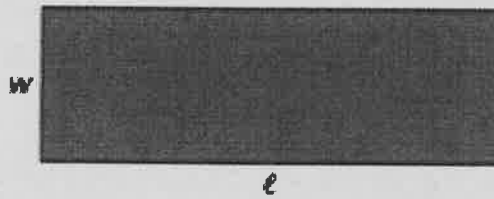
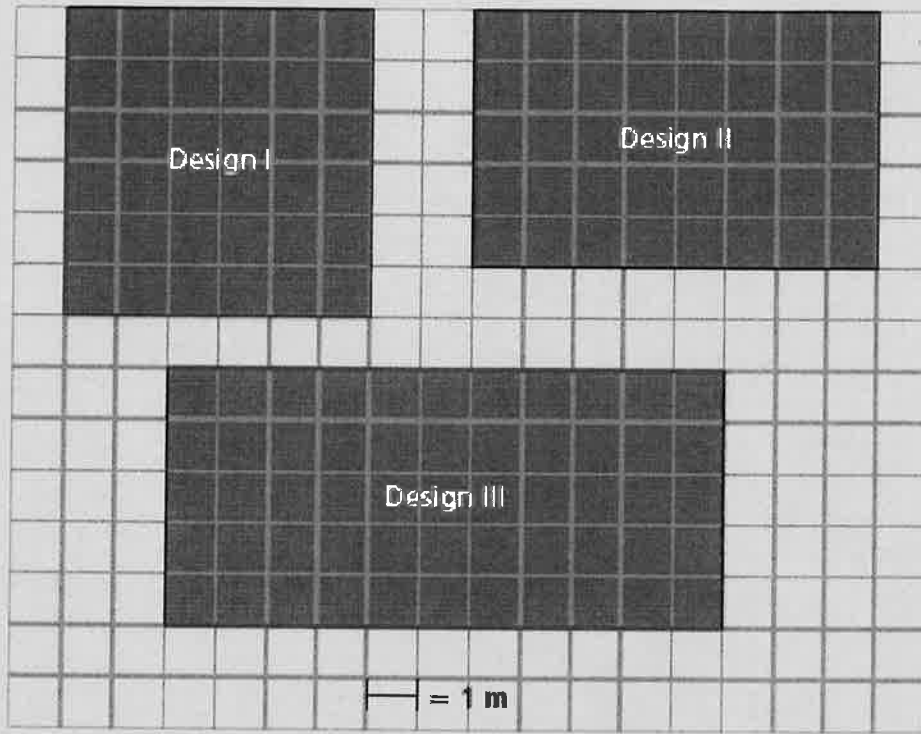


**Design D**




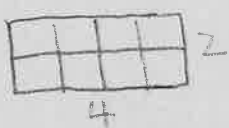

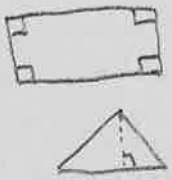


# Labsheet 1.1B

## Floor Plans I-III






# Covering and Surrounding

Complete the vocabulary chart by filling in the missing information.

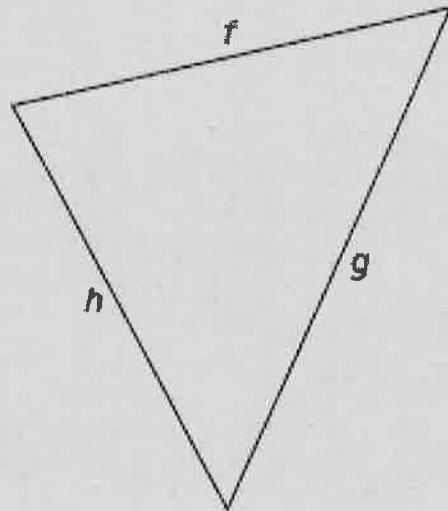
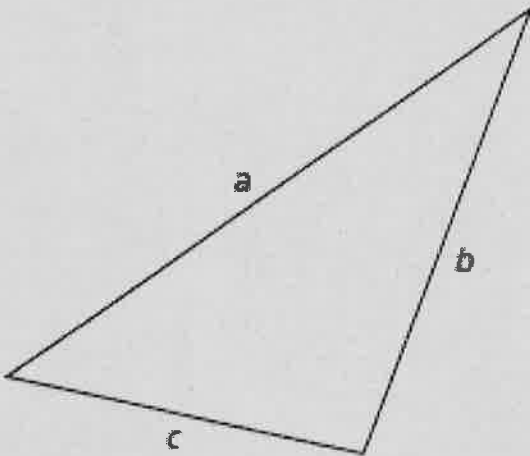
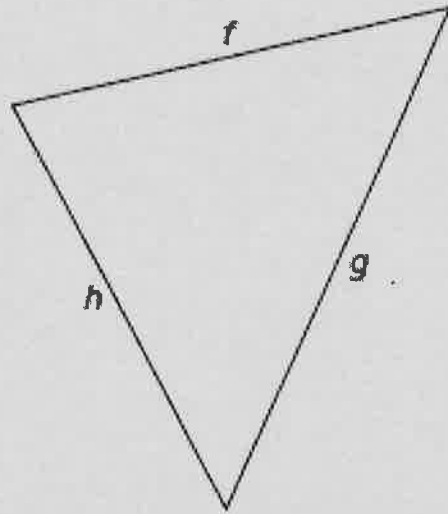
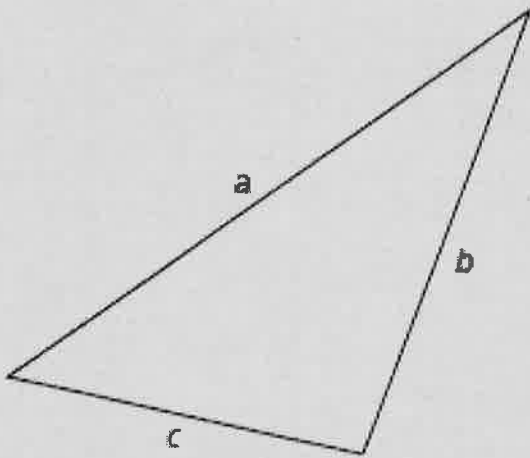
Term	Definition	Example
area	The measure of the amount of surface enclosed by the boundary of a figure.	 $A = 4 \times 2 = 8$
perimeter	The measure of the distance around a figure	 $P = 4 + 2 + 4 + 2 = 12$
isosceles triangle	A triangle with two sides the same length.	
perpendicular lines	Lines that meet at right angles.	
polygon	A shape formed by three or more line segments that meet at their endpoints.	
regular polygon	A polygon with sides of equal length.	

## Covering and Surrounding (continued)

Term	Definition	Example
right angle	An angle that measures $90^\circ$ .	
scalene triangle	A triangle with no equal sides.	
vertex	A corner of a polygon.	
edge		
face		
net		
prism		
pyramid		
surface area		
volume		

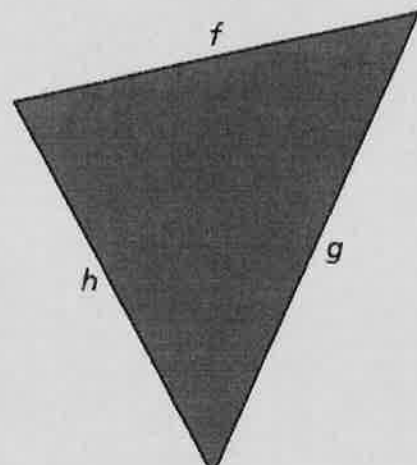
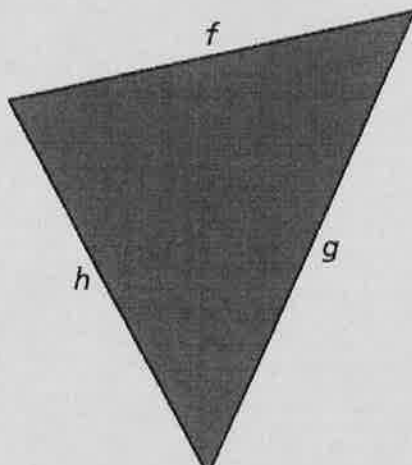
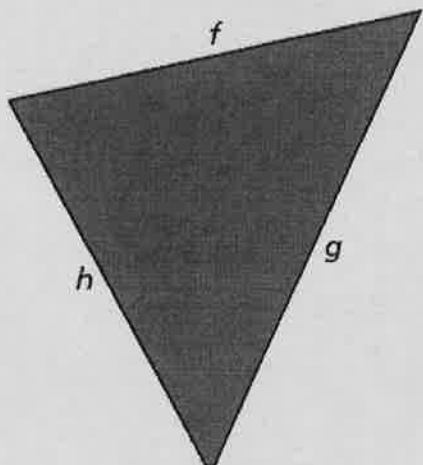
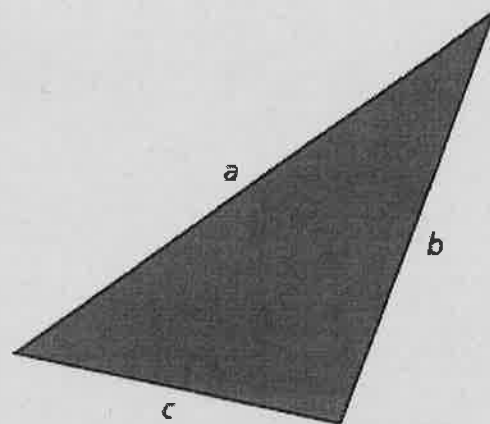
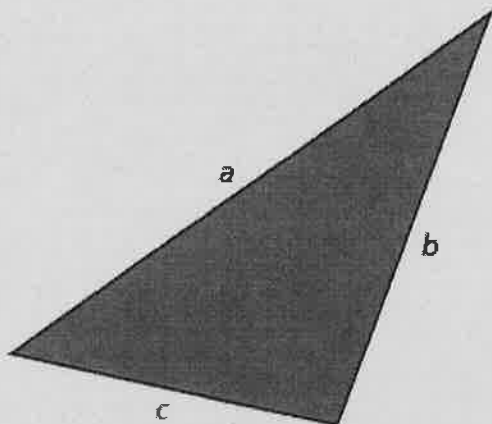
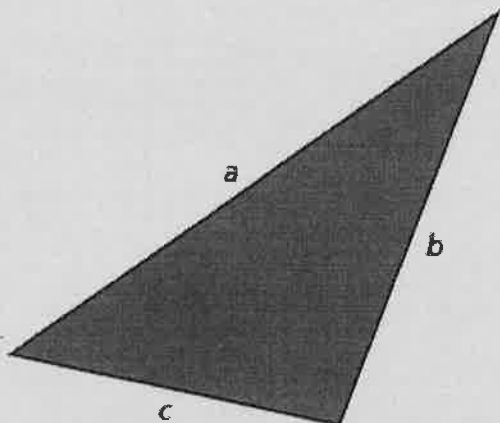
Labsheet 2.2A

Two Triangles



**Labsheet 2.2B**

Two Shaded Triangles

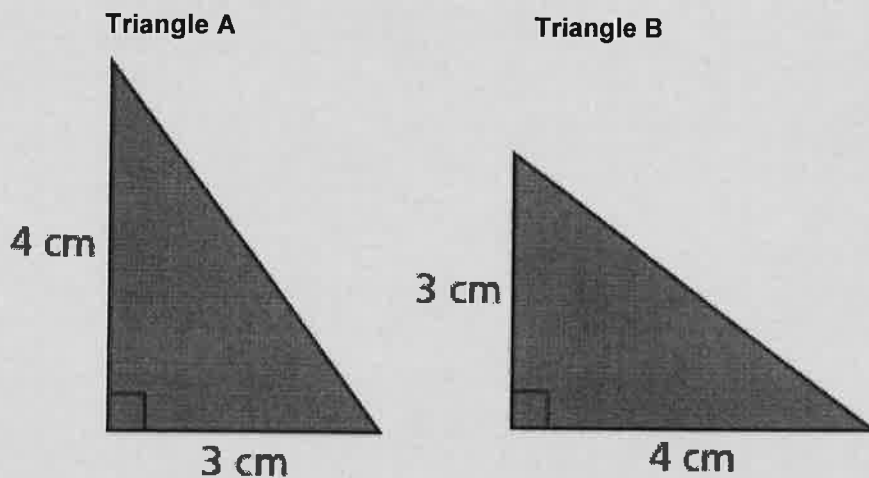


Triangle D			Triangle E		
Base (cm)	Height (cm)	Area (cm <sup>2</sup> )	Base (cm)	Height (cm)	Area (cm <sup>2</sup> )
a			f		
b			g		
c			h		

**Labsheet 2ACE**

Exercise 18

18. Keisha says these right triangles have different areas.



Do you agree with Keisha?

**HINT:** What is the area of Triangle A? What is the area of Triangle B?

Explain why or why not.