

Assignment Record Sheet

Math Core B

Full Name: _____

Week: 9/30-10/4

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)
Monday Sept. 30	How can you find the area of a polygon drawn on a coordinate graph? On grid paper?	WU: Vocabulary (IP) CW: Prob. 3.4 A (IP); video launch HW: ACE #46 (IP)	WU: CW: HW:		
Tuesday Oct. 1	How can you find the area of a polygon drawn on a coordinate graph? On grid paper?	WU: Vocabulary (IP) CW: Prob. 3.4 B (IP) HW: ACE #34 p. 70	WU: CW: HW:		
Wed. Oct. 2	How can you find the area of a polygon drawn on a coordinate graph? On grid paper?	WU: None CW: Math Review HW: None	WU: CW: HW:		
Thursday Oct. 3	How can you find the area of a polygon drawn on a coordinate graph? On grid paper?	WU: Khan Academy (coordinates) CW: Prob. 3.4 D p. 63 HW: ACE #38a p. 71	WU: CW: HW:		
Friday Oct. 4	How can you find the area of a polygon drawn on a coordinate graph? On grid paper?	WU: Word Problems/Calculation wkshts CW: Kahoot! HW: None Turn in your packet	WU: CW: HW:		


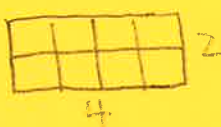

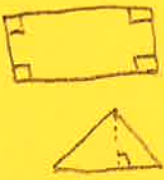


Total Homework Score for the Week: _____/75

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Daily Materials Score _____/25

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° .	
scalene triangle	A triangle with no equal sides.	
vertex	A corner of a polygon.	
edge		
face		
net		
prism		
pyramid		
surface area		
volume		

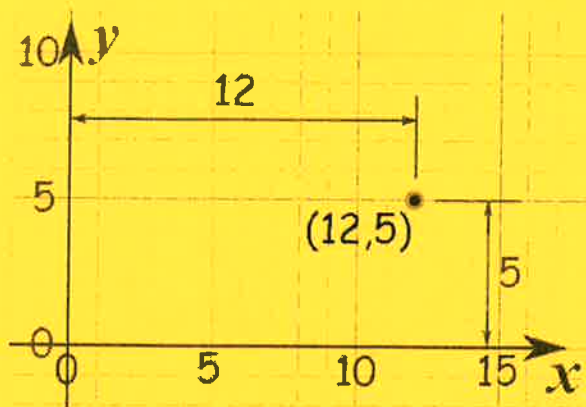
9/30-10/1

Definitions for x-coordinates and y-coordinates:

The horizontal value in a pair of coordinates: how far **along** the point is.

The X Coordinate is always written first in an *ordered pair* of coordinates (x,y) , such as $(12,5)$.

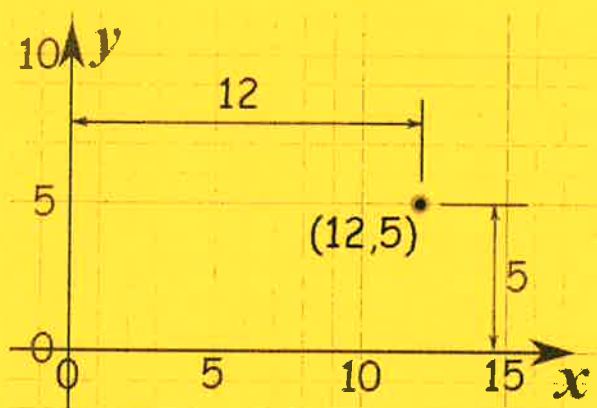
In this example, the value "12" is the X Coordinate.



The vertical value in a pair of coordinates. How far **up or down** the point is.

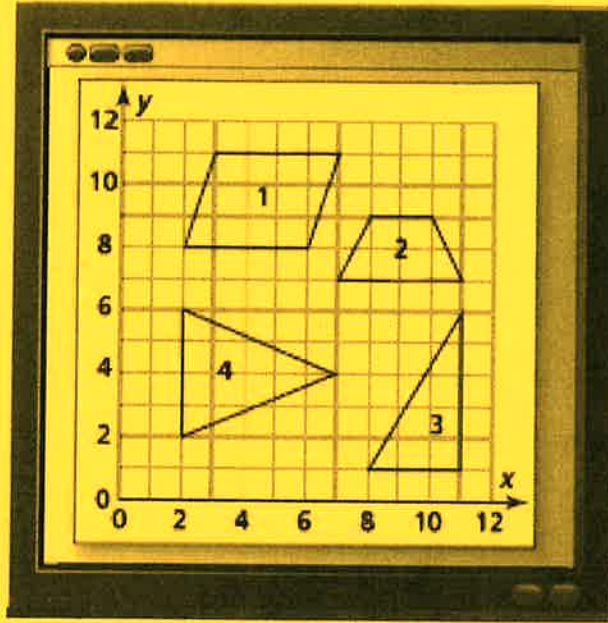
The Y Coordinate is always written second in an *ordered pair* of coordinates (x,y) such as $(12,5)$.

In this example, the value "5" is the Y Coordinate.



Labsheet 3.4A

Polygons on the Coordinate Plane



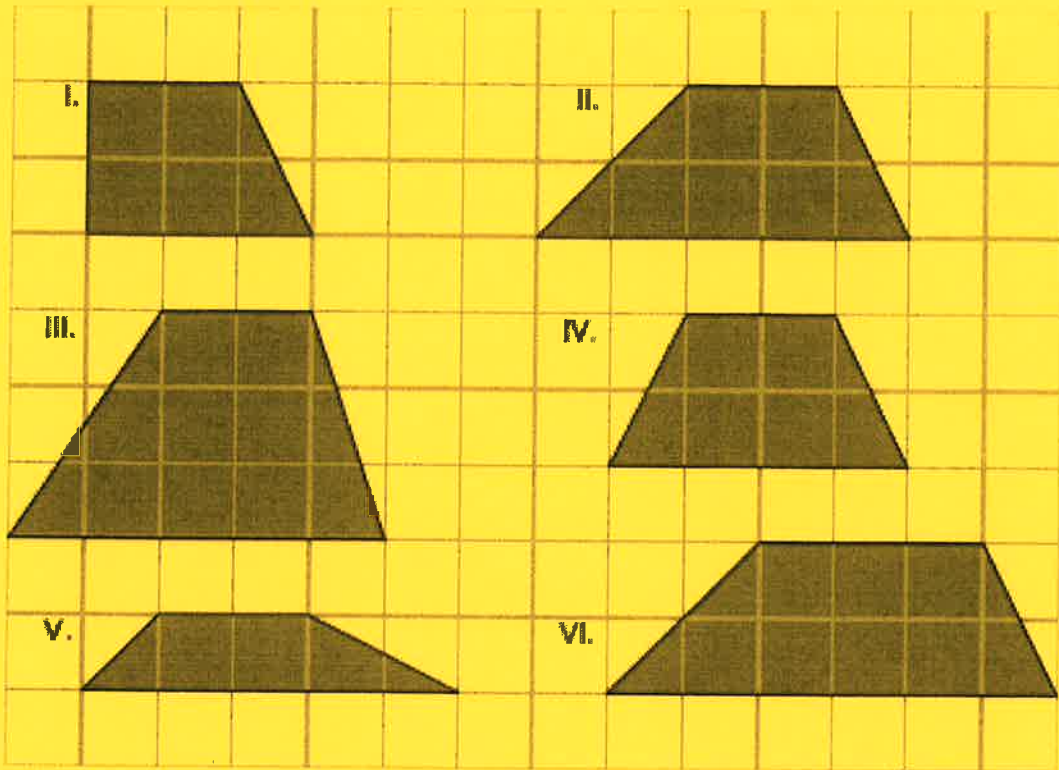
Design	Description of Shape	Coordinates of Vertices	Side Lengths Using Coordinates	Area
1				
2				
3				
4				

If each figure is moved to a different location on the grid, what will change and what will not change? Explain why.

h/w

Labsheet 3ACE

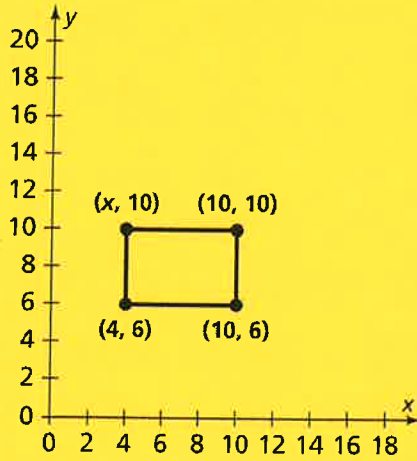
Exercise 46



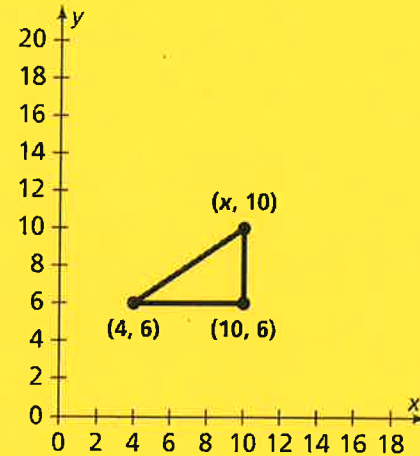
Labsheet 3.4B

Finding Missing Coordinates

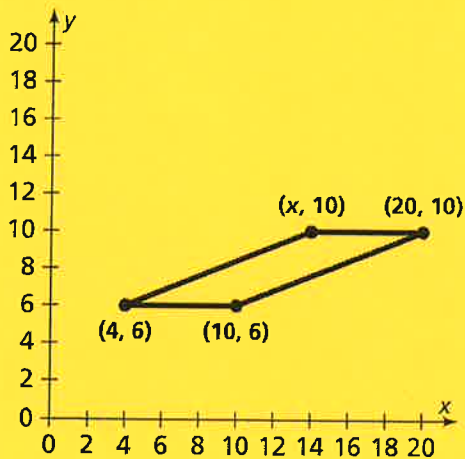
Rectangle



Right Triangle



Parallelogram



Rectangle

