Name Key

Date _____

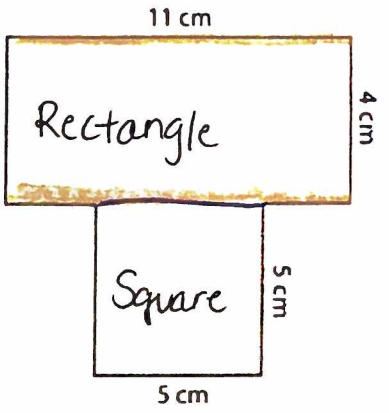
Day 6: Area of Composite Figures

7 Regulars

AIM: How do you find the area of a composite figure?

Example #1:

Find the area of the composite figure. Show all of your work.



Step 1: **Break** the composite figure into individual shapes.

Step 2: Find the **area** of each piece.

Step 3: Find the **sum** of the areas. add the areas

Rectangle

$A = bh$

$A = 11(4)$

$A = 44$

Square

$A = bh$

$A = 5(5)$

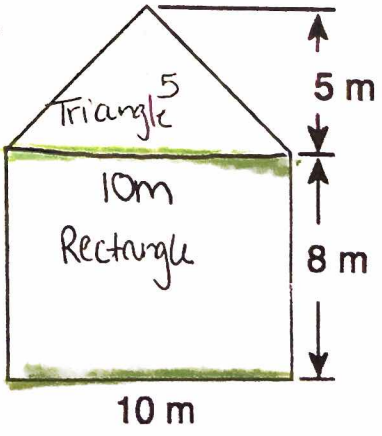
$A = 25$

$44 + 25$

$\boxed{69\ cm^2}$

Example #2:

The figure is made up of a triangle and a rectangle, find the area of the figure.



Triangle

$A = \frac{1}{2}bh$

$A = \frac{1}{2}(10)(5)$

$A = 25$

Rectangle

$A = bh$

$A = 10(8)$

$A = 80$

$80 + 25 = \boxed{105\ m^2}$