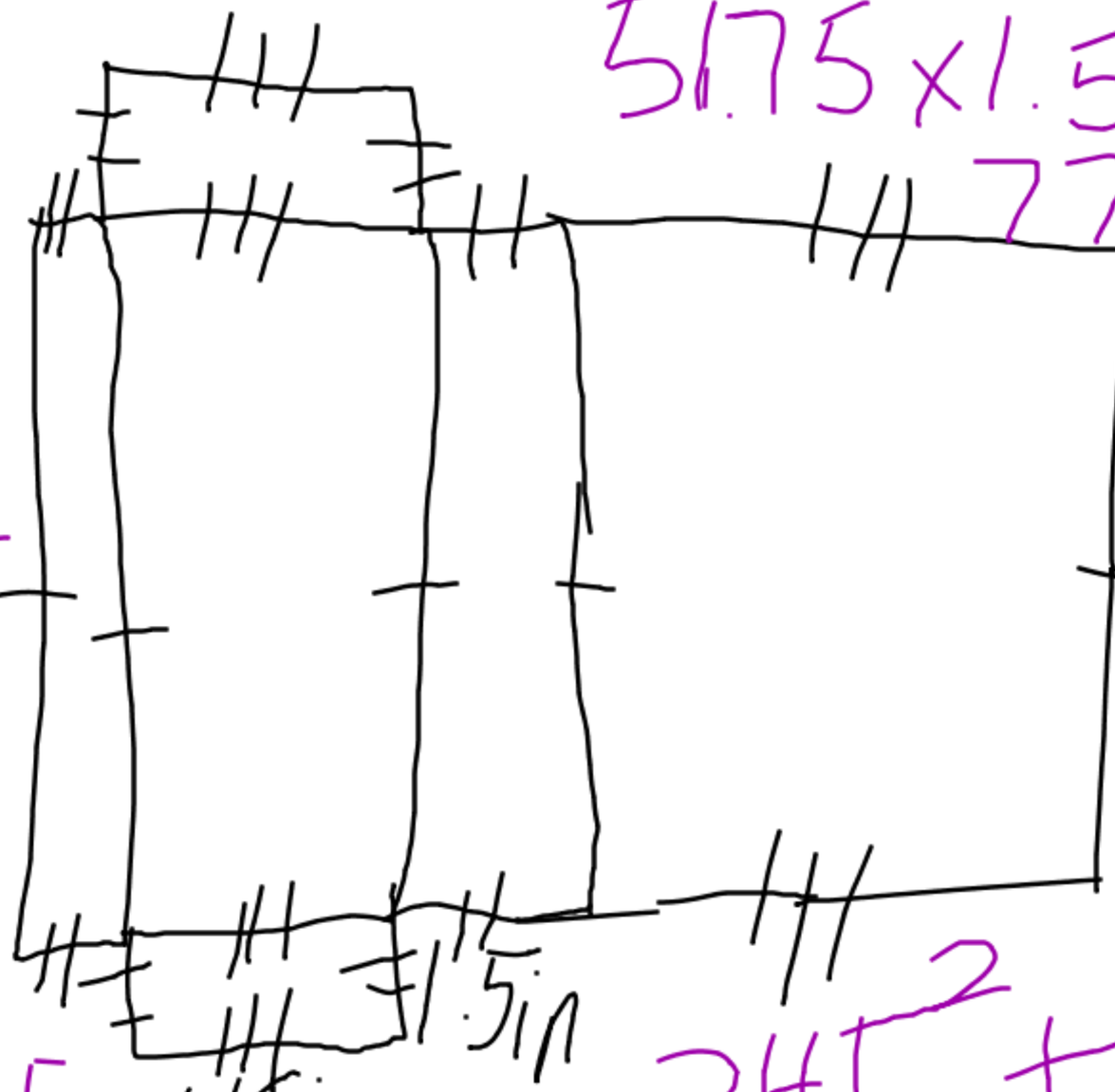
Sept. 16

1 a)

$11.5 \times 4.5 = 51.75$ sq in

$51.75 \times 1.5 =$

$77.625$ $in^3$




$2 \times 11.5 \times 1.5$

$34.5 in^2$

$2 \times 4.5 \times 1.5$

$13.5$

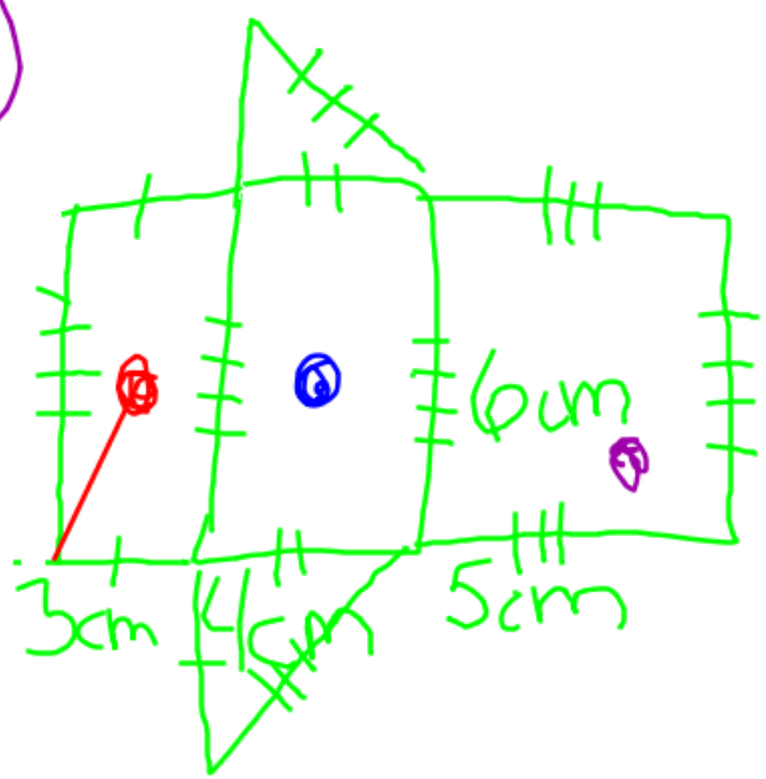
$2 \times 11.5 \times 4.5$

$104.5 in^2$

$345^2 + 13.5^2 + 104.5^2$

$152.5$ in

1. b)




$6 \times 4 = 24 cm^2$

$6 \times 5 = 30 cm^2$

$6 \times 3 = 18 cm^2$

$$\frac{4 \times 6 \times 3}{2}$$

$= 36 cm^3$

$$\frac{2(4 \times 3)}{2}$$

$= 12 cm^2$

$24 + 30 + 18 + 12$

$= 84 cm^2$

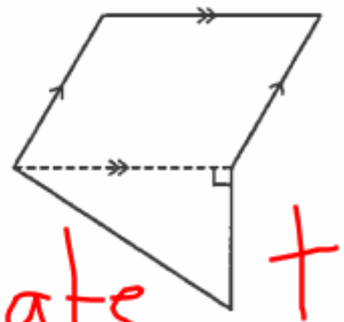
p.71 #1

Composite Figures use a combination of the above shapes. You will be calculating area and perimeter of various shapes. The big thing for these problems is being able to

# RECOGNIZE THE BASIC SHAPES

**Example 1**

Consider the figure:



parallelogram

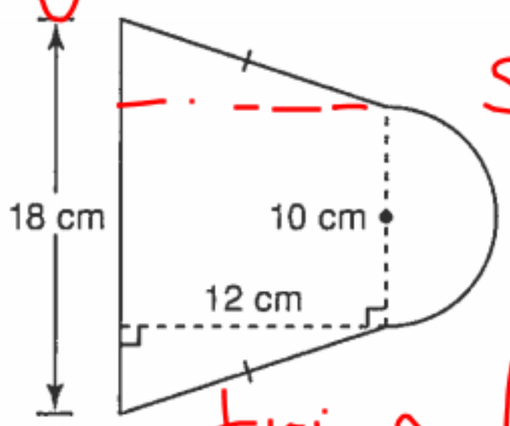
HW p.71 #3 calculate area of each figure

triangle

p.72 #6

Example 2

Calculate the area of the figure:




semicircle

triangle