Before we begin, are there any questions from last day's work?

Today's Learning Goal(s):

By the end of the class, I will be able to:

a) calculate the perimeter and area of any 2-dimensional figure.

Today's work: 6.2.1 6cd, 8abd(ef), 9,10,(11)

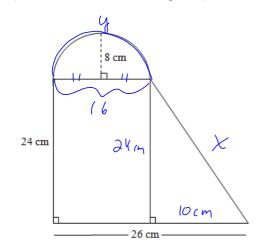
6.2.2 (Formula Sheet)

6.2.1 Area of 2D Geometric Figures (including composite figures)

Date: <u>Dec. 6/19</u>

Ex. 1 a) Calculate the perimeter of the figure.

b) Calculate the area of the figure. (use the same diagram on the next slide)

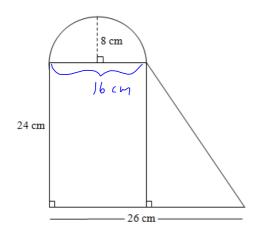


$$P = _{+} + | + | + |$$
 $= 26 + 24 + 25.133 + 26$
 $= 101.133 \text{ cm}$



101.133 cm

b) Calculate the area of the figure.



$$A = A_{5} \text{ chicle} + A_{7RAPE2aD}$$

$$= \frac{1}{2} \pi r^{3} + \frac{1}{3} h(a+b)$$

$$= \frac{1}{3} \pi (8)^{2} + \frac{1}{3} (a+b)$$

$$= \frac{1}{3} \pi (8)^{2} + \frac{1}{3} ($$