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)

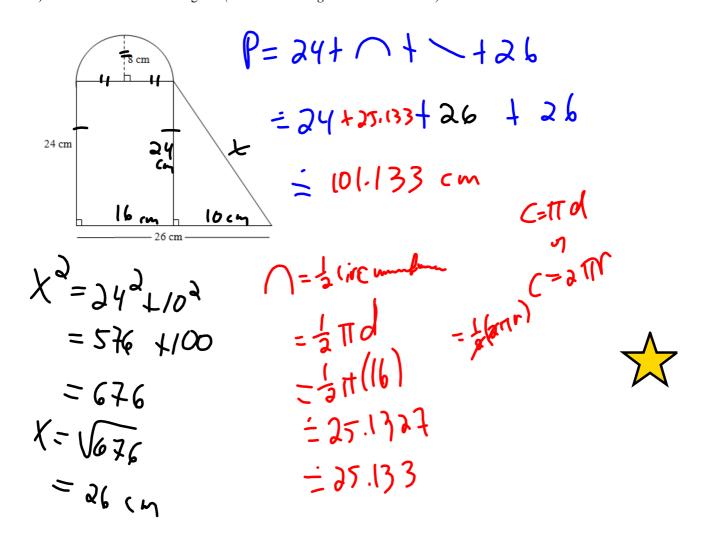
6.2.2 (Formula Sheet)

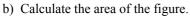
6.2.1 Area of 2D Geometric Figures (including composite figures)

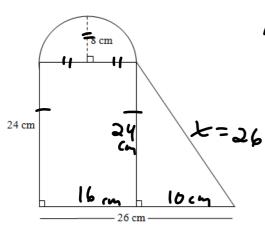
Date: May 17/17

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

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







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

$$=\frac{1}{2}\pi(8)^{2} + \frac{1}{2}(a+1)(16+a+6)$$

$$=\frac{1}{2}\pi(8)^{2} + \frac{1}{2}\pi(4)(16+a+6)$$

$$=\frac{1}{2}\pi(8)^{2} + \frac{1}{2}\pi(4)^{2} + \frac{1}{2}\pi$$