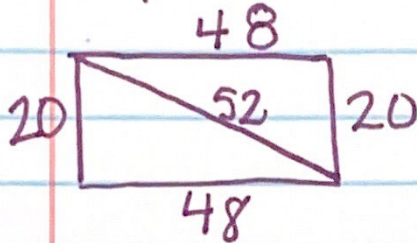


Final Exam Review

Day 1

- 1.) Is the quad. a rectangle?
explain how you know.

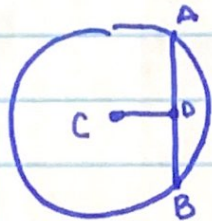


- 2.) Find the ~~area~~ perimeter of
an equilateral Δ w/ an
altitude of $6\sqrt{3}$ m.

- 3.) If $\tan \theta = \frac{9}{40}$ find $\sin \theta$ and $\sec \theta$.

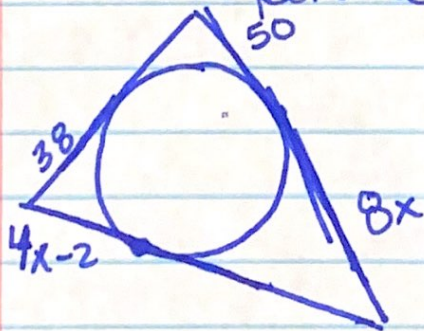
- 4.) Sally is flying her kite.
If her kite is 258 ft off the
ground and the \angle of elevation
is 53° find the length of the
string.

- 5.) If the radius is 7m and $CD = 2$ find AB .



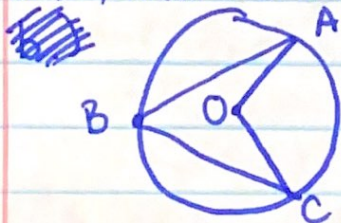
- 6.) A circle has an area of $64\pi \text{ in}^2$ find the circumference.

- 7.) Find the perimeter. (assume lines are tangent)



- 8.) If the $m\angle ABC = 60^\circ$ and $AB \cong BC$.

a.) Find $m\angle ADC$.



9.) If radius is 13mi
and the central $\angle = 45^\circ$
find the arc length.

10.) Graph $y = 5 \cos 2\theta + 3$.

11.) Sketch the \angle w/ measure
of -734°

12.) Find the exact values
of $\csc(120^\circ)$.