Week 23 Study week and Problem solving

Pre-calculus and College Math Classes:

Polar coordinates.

Chapter 8 from Pre calc text book or

https://www.youtube.com/watch?v=HEpviLUO0pw

Unit Vectors

https://www.youtube.com/watch?v=EAZtvrmSceY

https://www.youtube.com/watch?v=oVPE-HQ74dU

Geometry Classes

Equations of a Circle

https://www.youtube.com/watch?v=3pkLVS8XTOA

You must watch part 1, Part 2, and Part 3 videos.

Special Problem

must turn in Tuesday 2/7/2017 by 11:59 pm For test grade. You must show all details.

1) Compute the exact **circumference** of a circle with radius r = 6 cm.
2) Evaluate the exact **area** of a circle with radius r = 6 cm.
3) Evaluate the exact **Sector** of a circle with radius r = 6 cm, with center angle $(\theta) = \frac{1}{6}\pi$
4) Evaluate the exact **arc length** of a circle with radius r = 6 cm, with center angle $(\theta) = \frac{1}{6}\pi$
5) Evaluate the exact **segment** of a circle with radius r = 6 cm, with center angle $(\theta) = \frac{1}{6}\pi$