Good morning: no warm up, check hw before the bell rings and have questions ready

1) 80°

5) 6

9) 124°

2) 70°

6) 10

10) 110°

3) 55°

7) 42

11) 95°

4) 72°

8) 26

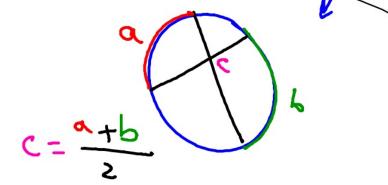
12) 200°

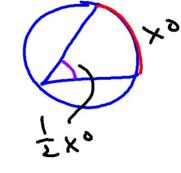
First Q3 test: Thursday

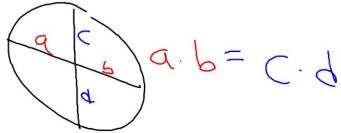


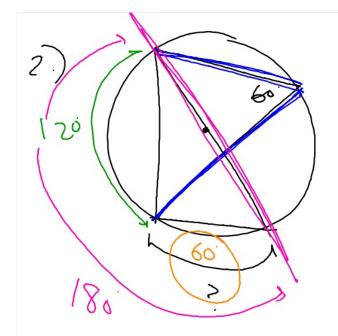
Summary of what we've learned so far:

- radians/degrees: 180° = Tt rad
- equations of circles on coordinate plane (x-1) + (y-1) = (2
- inscribed angle/intercepted arc
- chord angles/arcs
- chord lengths



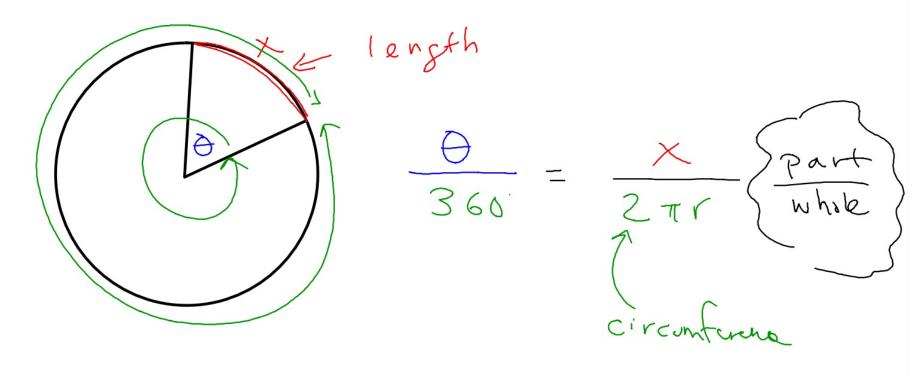






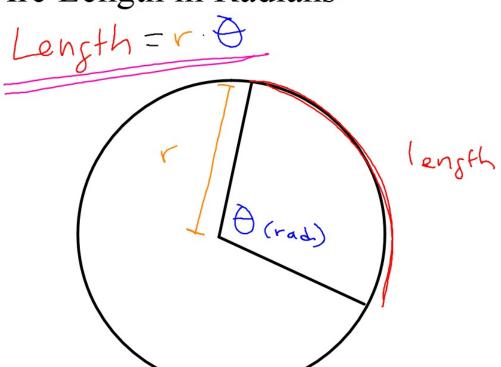
This is from the new handout note that one line passes through the center so it is a diameter, and thus creates a 180° arc!

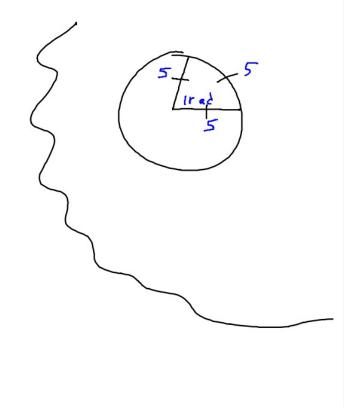
Arc Length

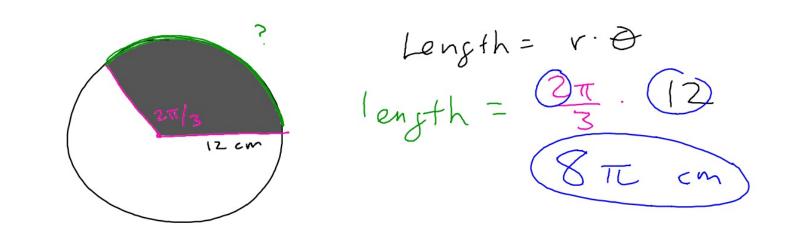


$$82^{\circ}$$
 360°
 $2\pi(5)$
 360°
 $2\pi(5)$
 360°
 41
 18π
 155

Arc Length in Radians







shouldn't be shaded in, we are finding the arc length (the green curve)

Practice practice practice!!!!

homework for Thursday: #13-20 on old handout all on new handout

Skip old: 17-28

New: #13-16

answers + videos @ mgeo.weebly.com