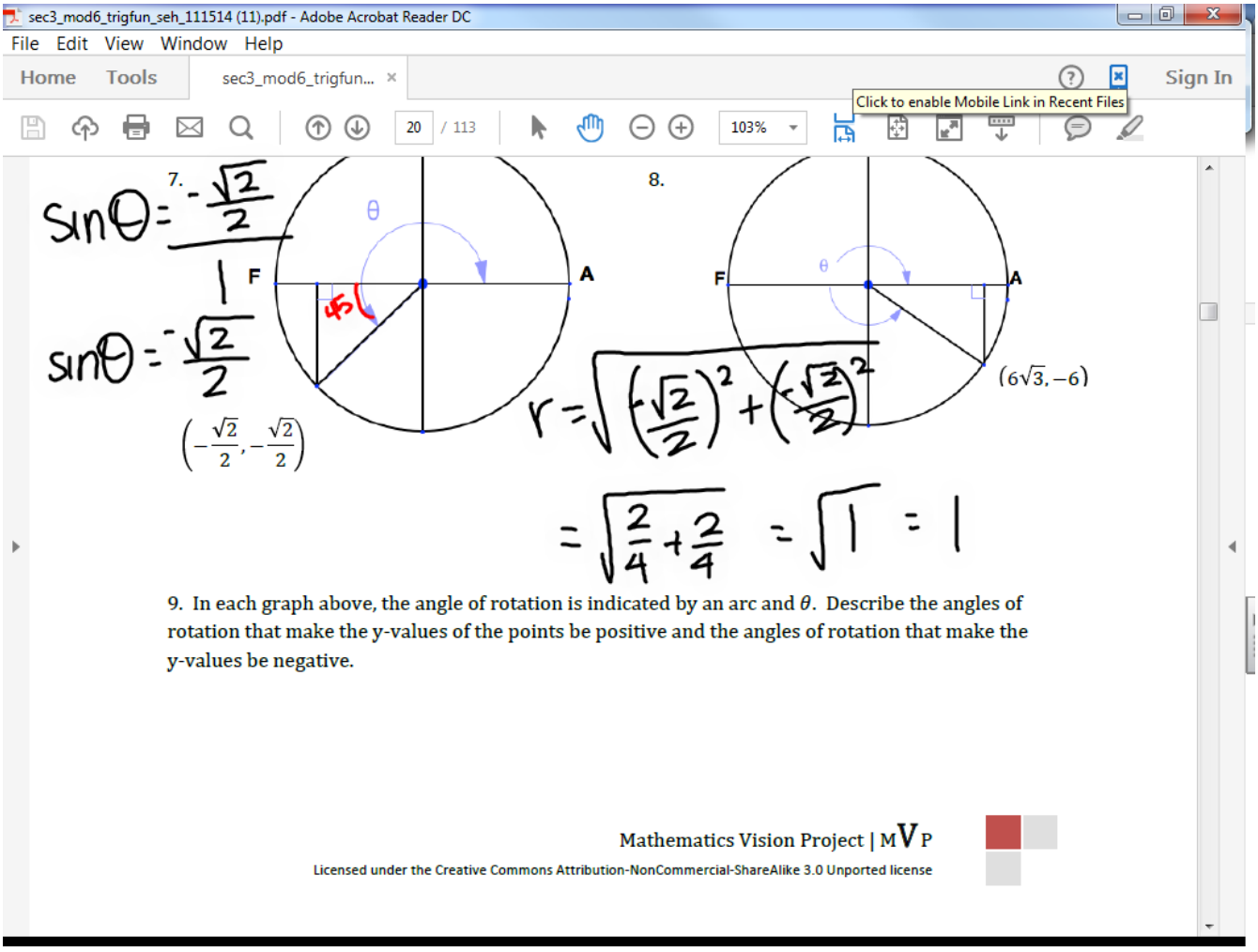
Starter

Get out your 6.3 packet, we will go over any questions you have soon!

Mar 28-9:51 AM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sec3_mod6_trigfun...
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7.
$\sin\theta = -\frac{\sqrt{2}}{2}$
$\sin\theta = -\frac{\sqrt{2}}{2}$
$\left(-\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2}\right)$
θ
F
A
45
8.
θ
F
A
$(6\sqrt{3}, -6)$
$r = \sqrt{\left(\frac{\sqrt{2}}{2}\right)^2 + \left(-\frac{\sqrt{2}}{2}\right)^2}$
$= \sqrt{\frac{2}{4} + \frac{2}{4}} = \sqrt{1} = 1$
9. In each graph above, the angle of rotation is indicated by an arc and θ. Describe the angles of rotation that make the y-values of the points be positive and the angles of rotation that make the y-values be negative.
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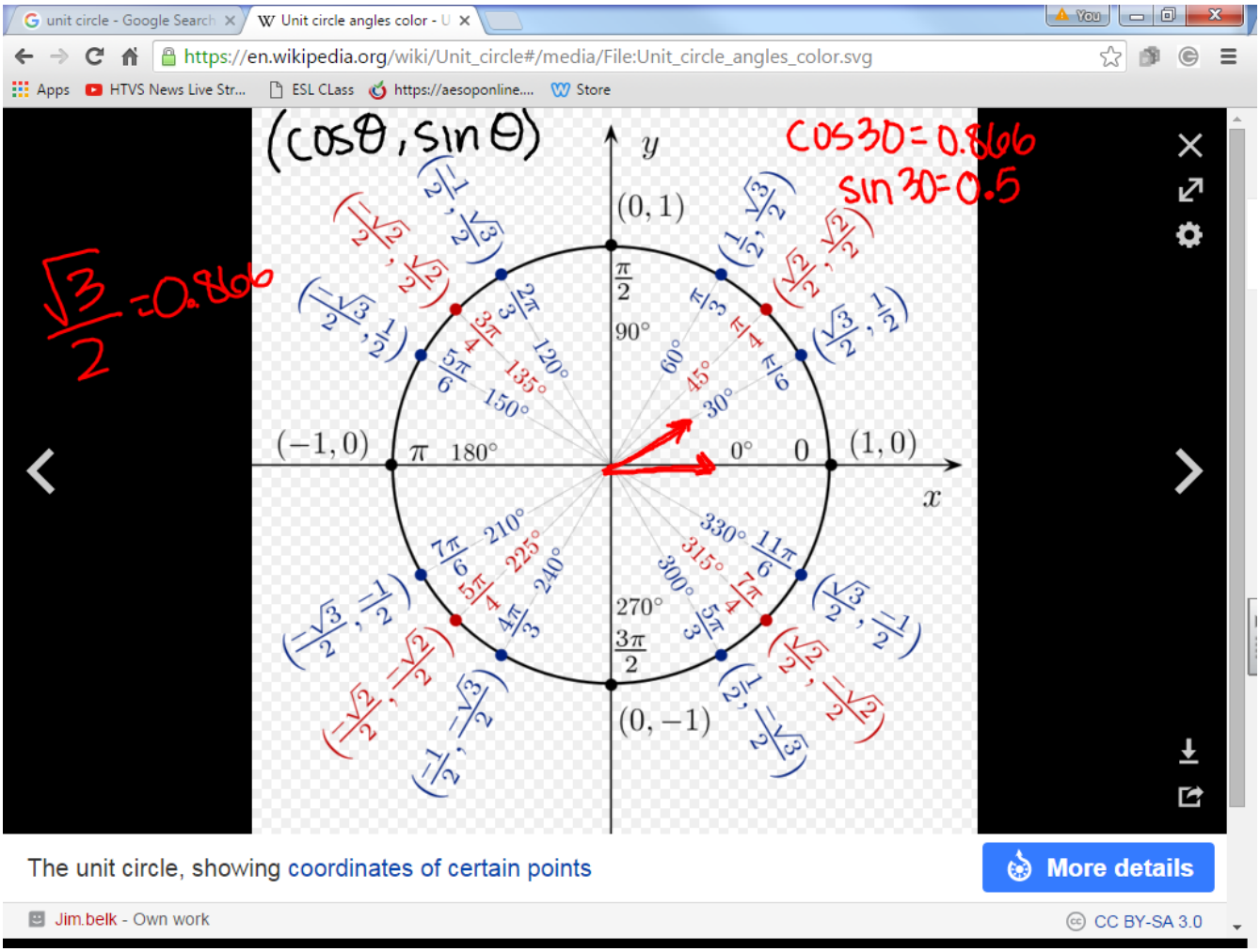
Apr 20-1:13 PM



Degrees → Radians

$\theta \cdot \frac{\pi}{180^\circ}$

θ in degrees

Radians → Degrees

$\theta \cdot \frac{180^\circ}{\pi}$

θ in radians

$\frac{10^\circ}{1} \cdot \frac{\pi}{180^\circ} = \frac{10\pi}{180} = \frac{\pi}{18}$ or 0.17 radians

$\frac{2\pi}{5} \cdot \frac{180^\circ}{\pi} = \frac{2(180)}{5} = 72^\circ$

Apr 20-1:19 PM

Schedule

-Go over 6.3

-SAGE Review

Apr 19-8:37 AM