Homework:

One side only.  Include context of the question (No Answer-Sheet turn-ins!).

Space between problems.
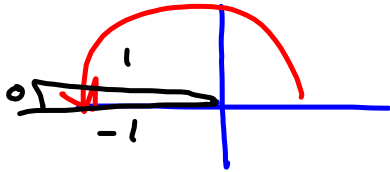
Margin at the top (Write 122-1.1 or 122-1.3, etc, in the top left corner and you'll be golden.
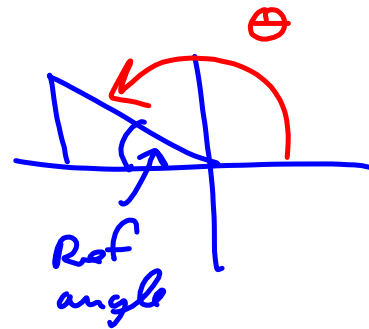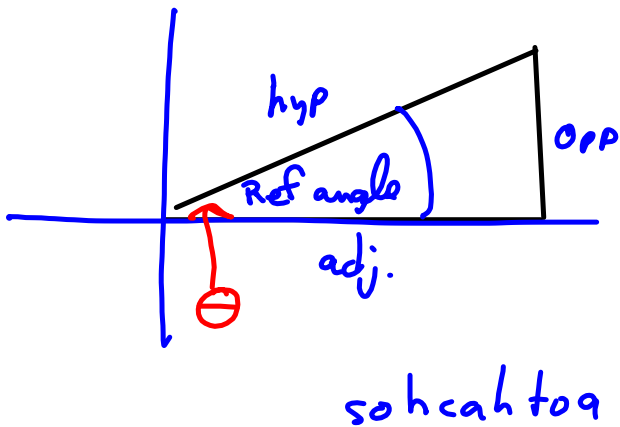
Everybody got a '10/10'

122 - §1.4

#s 37 - 44 Evaluate the trig function
Θ the quadrant angle.

(37) $\sin \pi = \sin(180°) = 0$

Mnemonic for trig.

Ref angle

$\sin \theta = \dfrac{o}{h}$

$\cos \theta = \dfrac{a}{h}$

$\tan \theta = \dfrac{o}{a}$

hyp    opp

Ref angle

adj.

Θ

sohcahtoa

# QUESTIONS?

### This week:

Secs 1.1, 1.2 due Tuesday
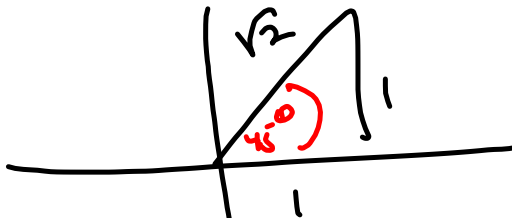
Sec 1.3, 1.4 due Thursday

## Where're you at, with 1.2 - 1.4?

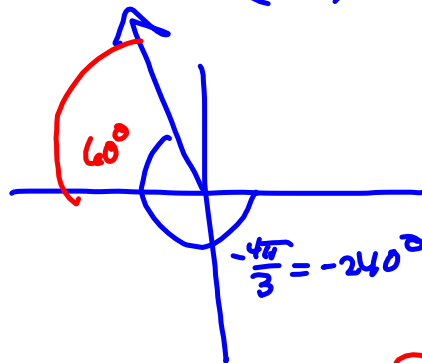## By next week, you really want to be on top of or ahead of schedule, to give yourself the needed Test Prep time.

Draw the picture!

$\int 1.2$ #s 13 - 30.

#13   $t = \frac{\pi}{4} = 45°$. DON'T use unit
circle cheat. Draw the 45-45 triangle!

$\sqrt{2}$   1   45°   1   1

⑱   $t = -\frac{4\pi}{3} = \left(-\frac{4\pi}{3}\right)\left(\frac{180}{\pi}\right) = -240°$

240 - 180 = 60,
SO

60°

$-\frac{4\pi}{3} = -240°$

So, 60° ref. angle

$\sqrt{3}$   2   60°   -1

0°

0°

1

0

1

Know

These

30°

2

1

√3

45°

√2

1

1

60°

2

√3

1

90°

1

1

0