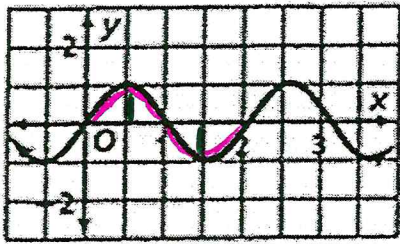


Test Review 2 on Trigonometry

Name: Key -



Answer key

Show all work for full credit!

1) Use the above graph

a) Identify one cycle

$0 \rightarrow 2$ (more possible)

b) Find the period (show work)

$P = 2$

c) Find the amplitude (work)

amp = 1

d) Identify the axis

$y = 0$ (work)

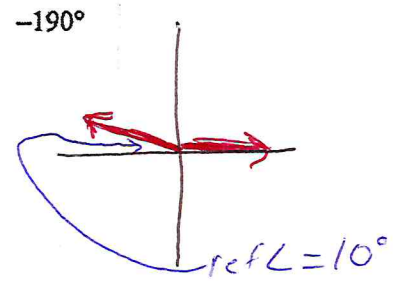
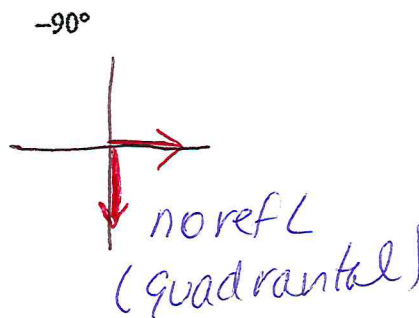
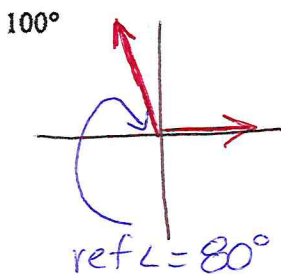
Recall: axis

$y = \frac{1}{2}(\max + \min)$

e) Write the equation for the graph

$y = \sin \pi \theta$ (work)

2) Sketch each angle in standard position. Then find the reference angle. Show L arithmetic



3)

Find the measure of an angle between 0° and 360° coterminal with each given angle. (work)

-100°

260°

-15°

345°

482°

122°

4) Write each measure in degrees. (work)

$\frac{5\pi}{4} = 225^\circ$

$\frac{7\pi}{4} = 315^\circ$