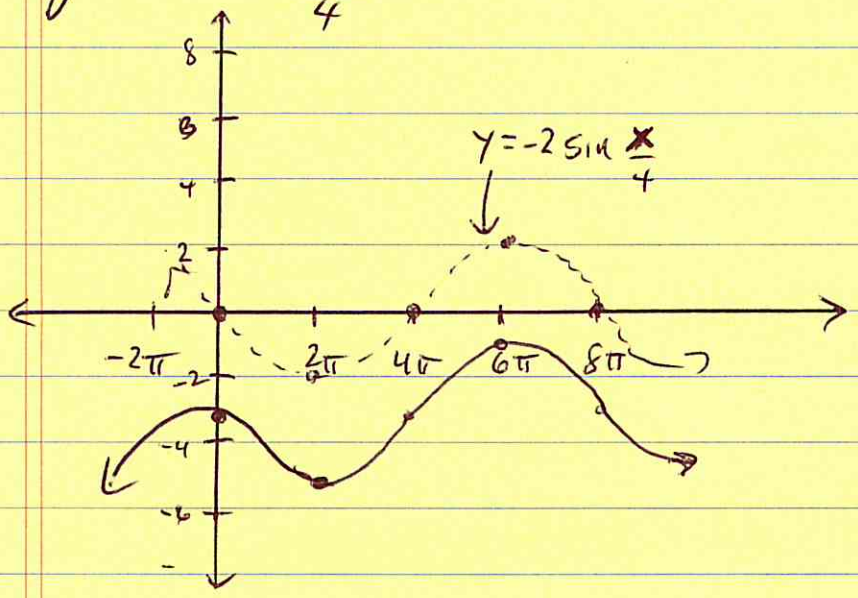
T/R
Ch 4
Sec 4.4/4.5

Trig Graphing Review

1. $y = -2\sin\frac{x}{4} - 3$ $\quad P = \frac{2\pi}{1/4} = 8\pi$



$D(-\infty, \infty)$

$R[-5, -1]$

No asymptotes or zeros

2. $y = \frac{2}{3}\cos 3\pi x + 1$ $\quad P = \frac{2\pi}{3\pi} = \frac{2}{3}$

Parent x	y	$\frac{1}{2\pi}x$	$\frac{2}{3}y$	x	$y+1$
0	1	0	2/3	0	5/3
$\pi/2$	0	1/6	0	1/6	1
π	-1	1/3	-2/3	1/3	1/3
$3\pi/2$	0	1/2	0	1/2	1
2π	1	2/3	2/3	2/3	5/3

$D(-\infty, \infty)$

$R[1/3, 5/3]$

No asymptotes