

# Activity #44

## Amplitude and Period

1)  $y = \frac{1}{2} \sin x$

7)  $y = \frac{2}{3} \cos x$

2)  $y = \frac{1}{4} \tan x$

8)  $y = -4 \sin 2x$

3)  $y = -5 \cos \frac{3}{4}x$

9)  $y = \frac{3}{4} \cos \frac{1}{2}x$

4)  $y = \frac{1}{2} \cos 3x$

10)  $y = \sin 2x$

5)  $y = -7 \sin 8x$

11)  $y = -\frac{2}{3} \cos \frac{1}{3}x$

6)  $y = \frac{5}{7} \cos (7x)$

12)  $y = 9 \sin (\frac{7}{4}x)$