Riddle
Pre-Calculus
Trig Graph Practice 1

1) $y = 5\cos 2\theta$

2) $y = 0.5\sin 4\theta$

3) $y = 3\sin\theta + 2$

4) $y = \sin(4x + \pi)$

5) $y = 2\cos\left(\frac{\theta}{4} + \pi\right) - 1$

Riddle
Pre-Calculus
Trig Graph Practice 2

1) $y = \sin 3\theta$

2) $y = 4\cos 2\theta$

3) $y = -3\sin\frac{1}{2}\theta$

4) $y = \tan(2x - \pi)$

5) $y = -2\cos(2\theta + \frac{\pi}{2}) - 2$

Riddle
Pre-Calculus
Trig Graph Test Review

<u>State the amplitude period and phase shift for each trig function then GRAPH.</u>

1) Graph and state the domain, range, and continuity for the six trig functions: sine, cosine, tangent, cotangent, secant and cosecant.

2) $y = \sin 4\theta$

3) $y = 2\cos 2\theta$

4) $y = -\sin\frac{1}{2}\theta$

5) $y = \tan\left(x - \frac{\pi}{2}\right)$

6) $y = -2\cos(2\theta + \pi) - 2$