

Name _____

Graphs of Other Trig Functions Quiz (12 points)

For each of the following, state the amplitude, period, phase shift, and vertical shift. *Be specific.* Then state the domain and range.

1. $f(x) = -\frac{2}{3} \cot\left(\frac{3}{2}x - \frac{\pi}{3}\right) - 1$

• Amp: _____

• Per: _____

• P.S.: _____

• V.S.: _____

• Domain: _____

• Range: _____

2. $f(x) = \frac{1}{2} \sec\left(\frac{2}{3}x + \frac{5\pi}{4}\right) - 7$

• Amp: _____

• Per: _____

• P.S.: _____

• V.S.: _____

• Domain: _____

• Range: _____

Name _____

Graphs of Other Trig Functions Quiz (12 points)

For each of the following, state the amplitude, period, phase shift, and vertical shift. *Be specific.* Then state the domain and range.

1. $f(x) = -\frac{1}{2} \sec\left(5x - \frac{\pi}{4}\right) - 5$

• Amp: _____

• Per: _____

• P.S.: _____

• V.S.: _____

• Domain: _____

• Range: _____

2. $f(x) = \frac{2}{3} \sec\left(x + \frac{7\pi}{6}\right) + 7$

• Amp: _____

• Per: _____

• P.S.: _____

• V.S.: _____

• Domain: _____

• Range: _____