FST Name:

3.7 Notes Date: Block:

***Chapter 3.7: Evaluating Trigonometric Expressions at any Angle***

**Warm Up: Evaluate the following trigonometric expressions (10 minutes)**

1.) $sin\left(\frac{4π}{3}\right)$ 2.) $cos\left(\frac{2π}{3}\right)$ 3.) $tan\left(-π\right)$

4.) $sec\left(\frac{3π}{2}\right)$ 5.) $csc\left(\frac{5π}{6}\right)$ 6.) $sin\left(-\frac{7π}{4}\right)$

Example.) Evaluate $tan\left(\frac{17π}{6}\right)$

Example.) Evaluate $cos\left(\frac{13π}{2}\right)$

Example.) Evaluate $tan\left(\frac{15π}{4}\right)$

Example.) Evaluate $csc\left(\frac{14π}{3}\right)$