## Bellwork Alg 2B Thursday, May 24, 2018

1. Find all values of  $\theta$  for  $0 < \theta < 360^{\circ}$  that makes this equation true. Round to the nearest hundredth.  $-7\text{Tan}4\theta + 10 = 1$ 

2. Find all values of  $\theta$  for  $0 < \theta < 2\pi$  that makes this equation true. Round to the nearest hundredth.  $-10\text{Cos}3\theta + 5 = 3$ 

3. Find all EXACT values of  $\theta$  for  $0 < \theta < 2\pi$  that makes this equation true.  $8 \sin 5\theta - 3 = 1$ 

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$$-7 \tan 40 = -9$$

$$\frac{40}{7} = \frac{52.13}{7} = \frac{232.13}{7}$$

period = 180° = 45°

$$\frac{3\Theta = /.37 \ \epsilon' - /.37}{3} \frac{+2\pi}{3}$$

Sin 50 = 1/2