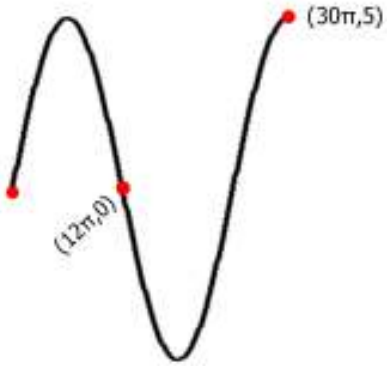
Practice #26 Alg 2 Mon & Tue May 11/12, 2020

For 1-3 write the equation of each transformed Sine function in the form: $y = a\sin bx$

1. Graph is 13 times taller, there is an x-axis reflection, and the period $= \frac{5\pi}{6}$

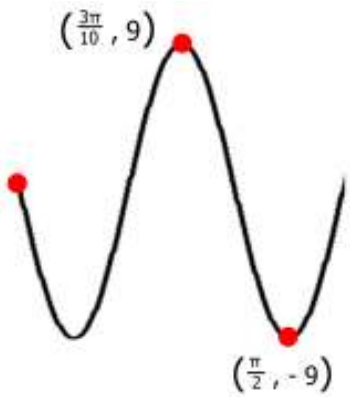
EQ:

2. Use this graph:




EQ:

3. Use this graph:



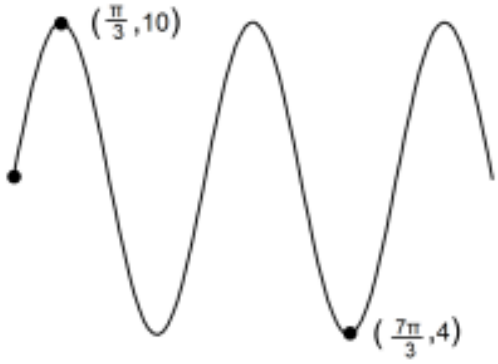

EQ:

For the remaining problems write the equation of the transformed Sine functions in $y = a\sin bx + k$ form.

4. Half as tall, period $= \frac{2\pi}{3}$, and equation of the midline is $y = -4$.

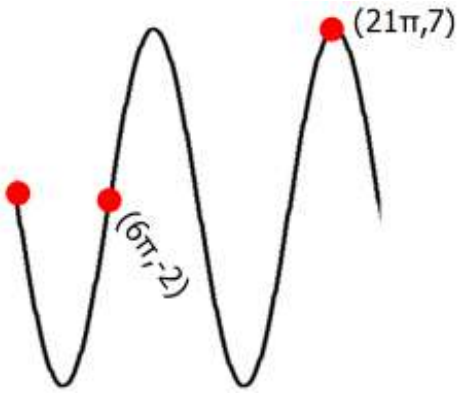
EQ:

5. Use this graph:




EQ:

6. Use this graph:




EQ: