**HW 5 – GRAPHING SIN AND COS** NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Explain the transformation of each graph, then graph each function from* $-2π to 2π$*.*

1. $y=-2cosx+1$ 2. $y=\sin(\left(x-π\right))-2$

3. $y=cos2x-1$ 4. $y=-\frac{1}{2}sinx+3$

5. $y=3cos⁡(x+\frac{π}{2})+1$ 6. $y=4sin\frac{1}{2}x$