Algebra II Trig Test # 3 Review

**Graph The following**

1. $y=4cos2\left(x+\frac{π}{6}\right)-2$
2. $y=2cos\left(\frac{1}{2}x-2π\right)+3$
3. $y=-3cos\left(3x+\frac{π}{6}\right)$
4. $y=sin\left(4x-π/2\right)+3$
5. $y=4sin\left(x-π\right)-1$
6. $y=-5sin\left(x+\frac{π}{12}\right)$

**Write the equations of the following graphs**

8. Cosine:



9. Sine:



10. Sine: Write an equation for positive a and negative a

