

## AdvAlg2, Homework due Tuesday, 5/16

Using degrees, find the amplitude, period, and translations for each function; then graph.

1.  $y = \frac{1}{2}\sin(\theta - 90) + 4$

2.  $y = \cos 3(\theta + 45) - 2$

3.  $y = 3 + \sin 2(\theta - 180)$

4.  $y = -2 + 3 \cos \frac{1}{3}(\theta + 60)$