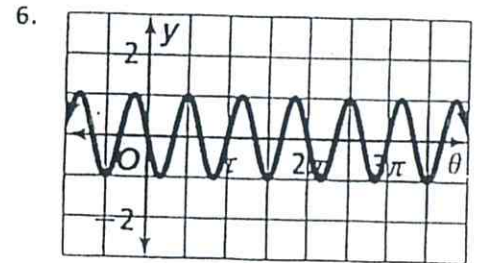
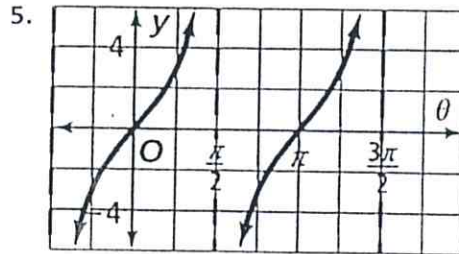
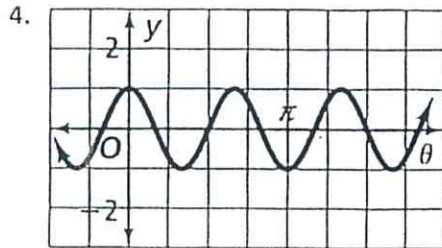


Alg 2B Trig Review 3

1. Write the equation for tangent with a vertical stretch of 4, period 8
2. Write the equation of the cosine with amp = 3, a vertical reflection, and period $\frac{\pi}{4}$
3. Write the equation for the sine with amp = $\frac{1}{2}$, period 2π

Write the equation for the given graph. Show b/P work.



Graph each of the following. Make a table. Draw one cycle for sin and cos, two for tangent.

7. $y = -2 \sin 4\theta$

8. $y = -\tan 2\theta$

9. $y = \frac{1}{2} \cos \frac{\pi}{4} \theta$