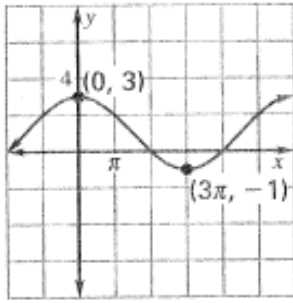
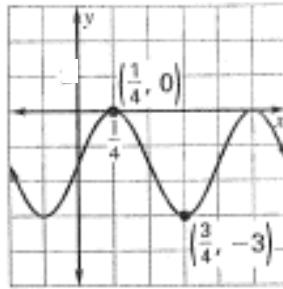


Find the sine and cosine functions of each graph.

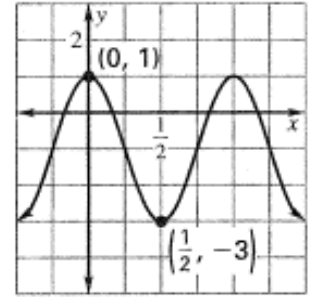
1.



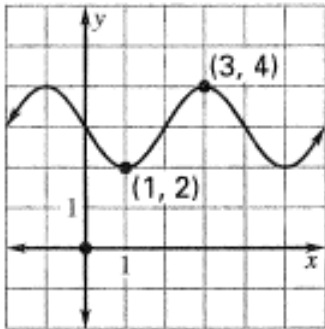
2.



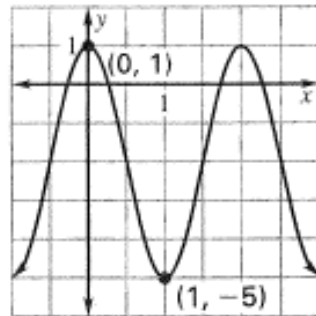
3.



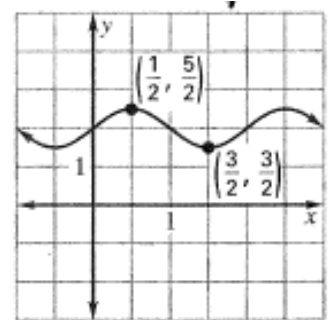
4.



5.



6.

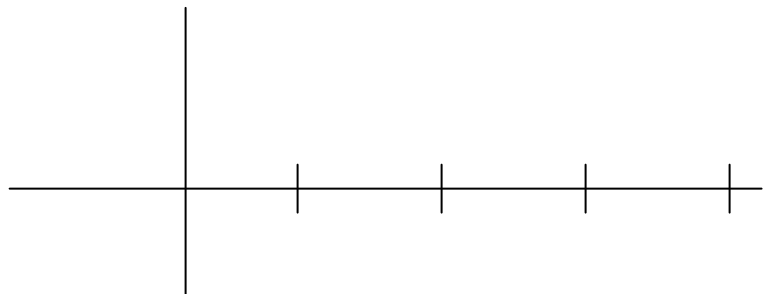


Graph each function. Identify the amplitude, period, AOW & phase shift.

3. $y = 3 - 2 \cos \frac{2}{3}x$

A=
AOW=
B=
Per=

Scale:
Phase shift



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

A=

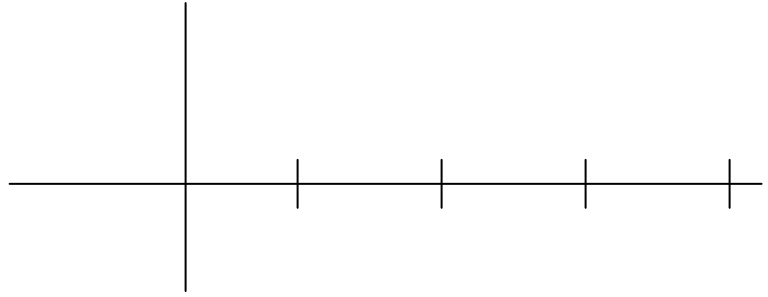
AOW=

B=

Per=

Scale:

Phase shift



5 – 8: Solve for $0 \leq x < 2\pi$

5. $2\sin x = \sqrt{3}$

6. $2\sin 4x = \sqrt{3}$ for.

7. $2\sin\frac{1}{2}x = \sqrt{3}$

8. $2\cos\left(\frac{1}{3}x\right) = 1$ for $0 \leq x < 2\pi$.

9. Find the angle of inclination of the line joining (5, -2) and (-3, 1)

10. Find the slope and the equation of a line with inclination 30° and contains (-6, 2).