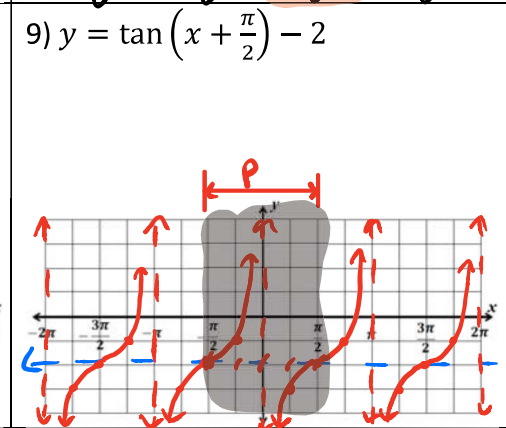
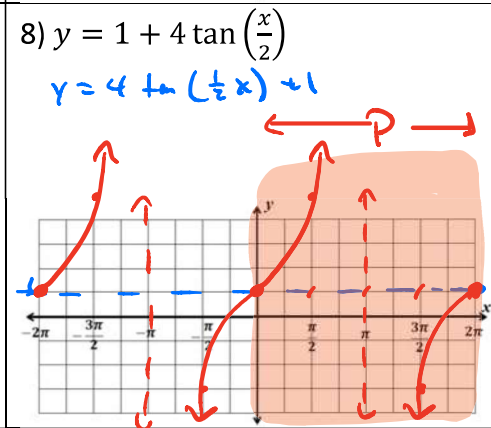
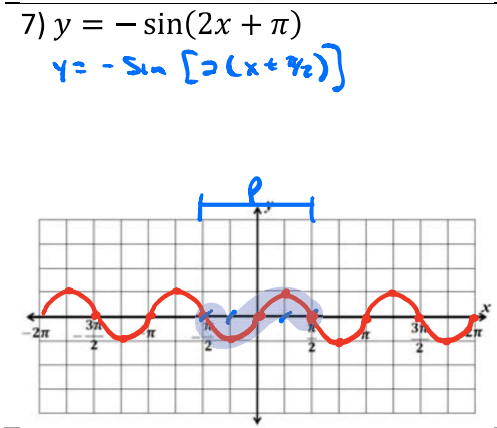
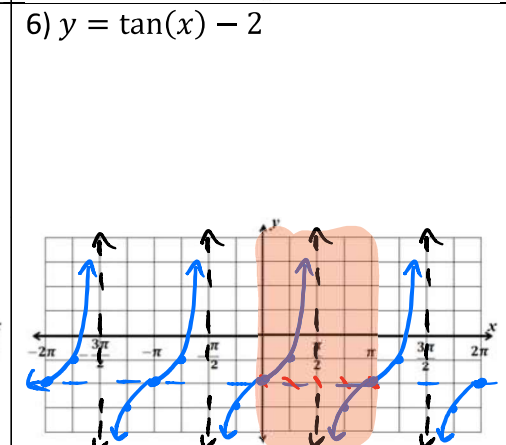
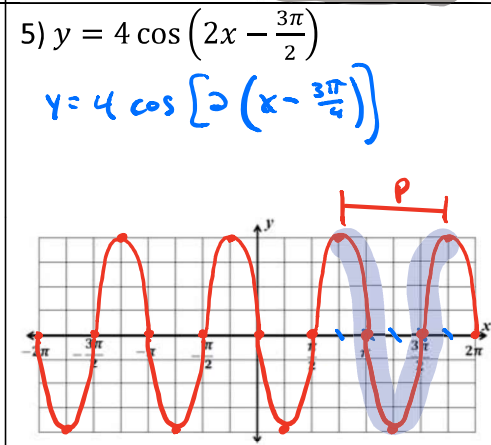
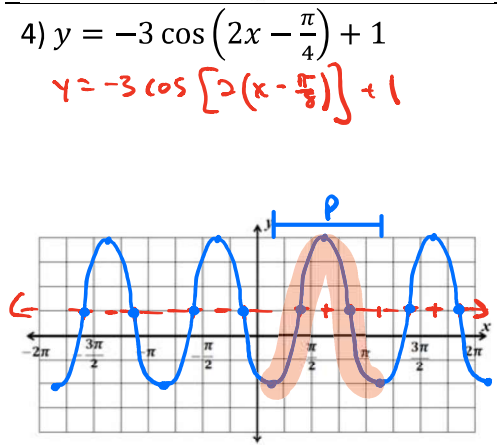
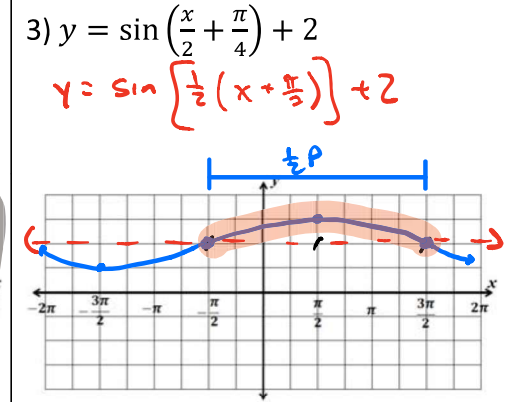
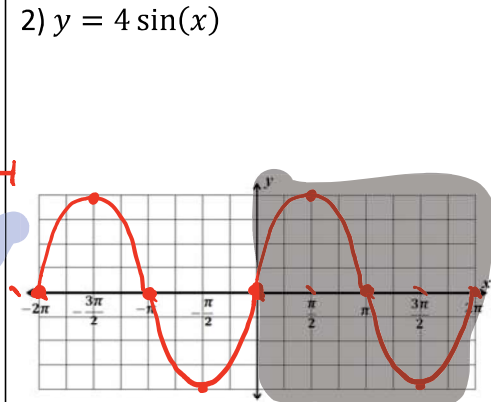
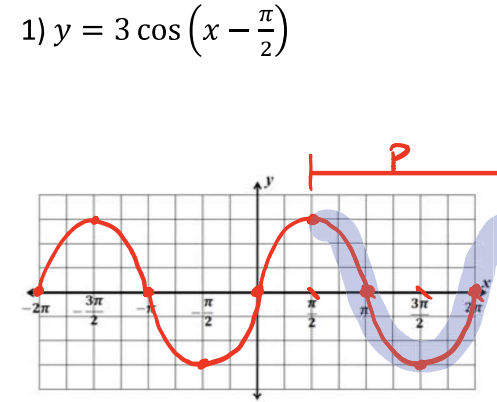


10.2 Corrective Assignment – Graphing Sine and Cosine

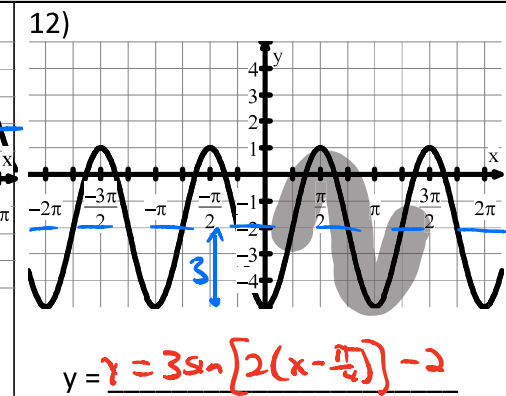
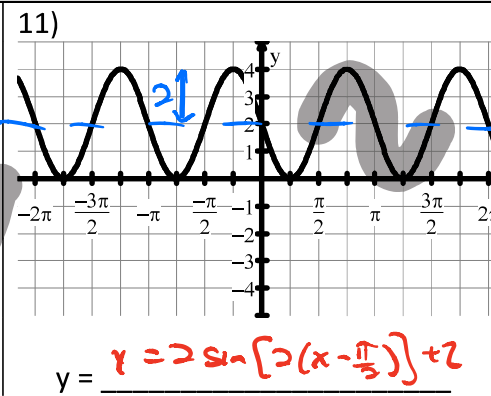
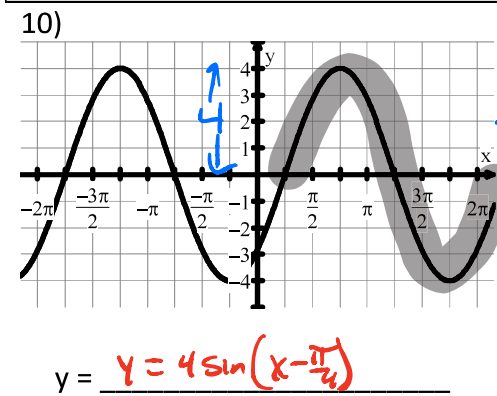
Name: _____

Pre-Calculus

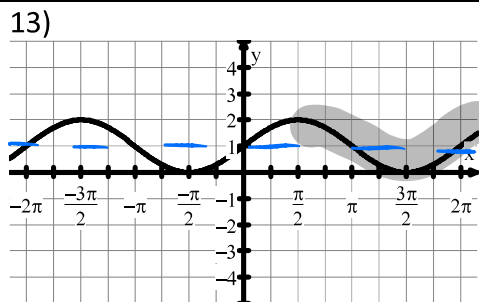
For 1-9, graph the given function.



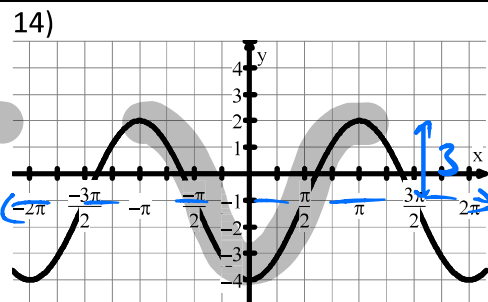
For 10-12, write the equation of the following sine curves. Use a positive leading coefficient a and the closest phase shift possible (left or right). For some problems, it may be equal to move left or right.



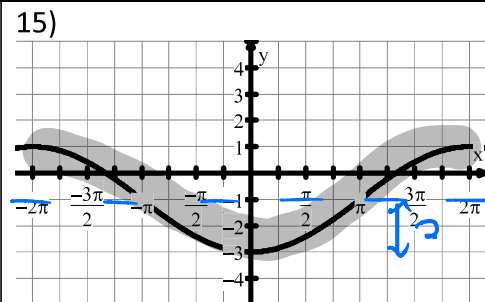
For 13-15, write the equation of the following **cosine** curves. Use a positive leading coefficient a and the closest phase possible (left or right). For some problems, it may be equal to move left or right.



$$y = \cos\left(x - \frac{\pi}{2}\right) + 1$$



$$y = 3\cos(x - \pi) - 1$$



$$y = 2\cos\left[\frac{1}{2}(x - 2\pi)\right] - 1$$

Answers to 10.2 Corrective Assignment

1)	2)	3)
4)	5)	6)
7)	8)	9)
10) $y = 4\sin\left(x - \frac{\pi}{4}\right)$	11) $y = 2\sin(2x - \pi) + 2$	12) $y = 3\sin\left(2x - \frac{\pi}{2}\right) - 2$
13) $y = \cos\left(x - \frac{\pi}{2}\right) + 1$	14) $y = 3\cos(x - \pi) - 1$	15) $y = 2\cos\left(\frac{1}{2}x - \pi\right) - 1$