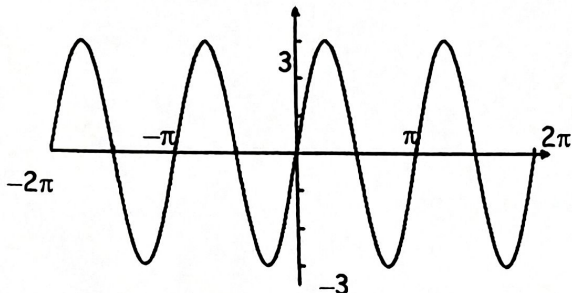
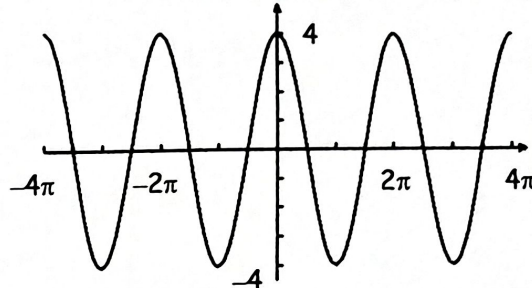


Write an equation of each graph below in terms of sine and cosine.

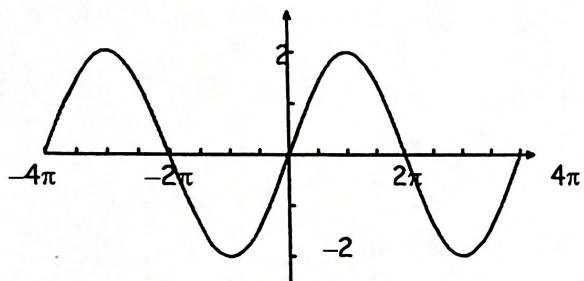
1.



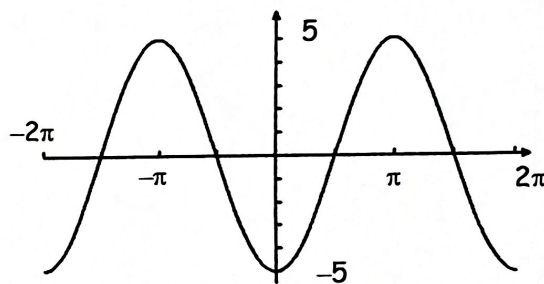
2.



3.

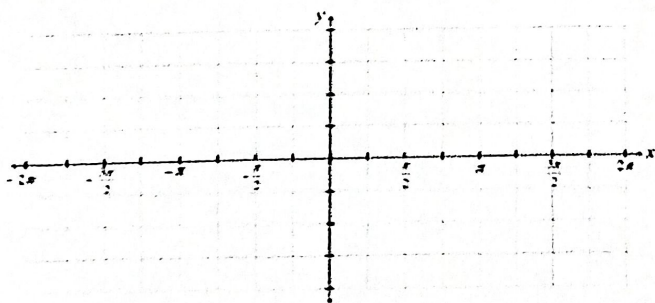


4.

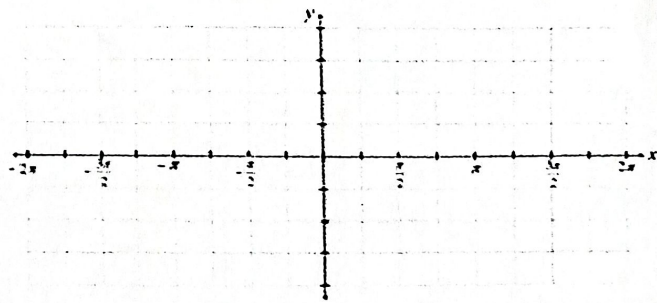


Sketch 2 cycles of each graph of each function below.

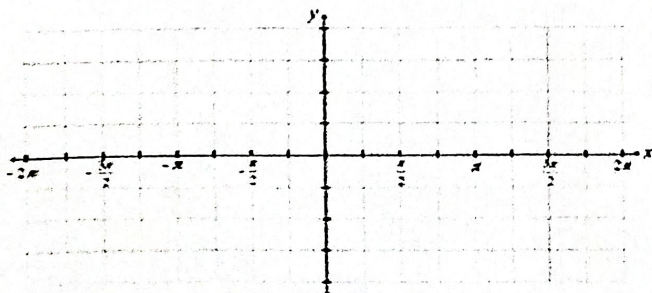
5. $y = 4 \sin x$



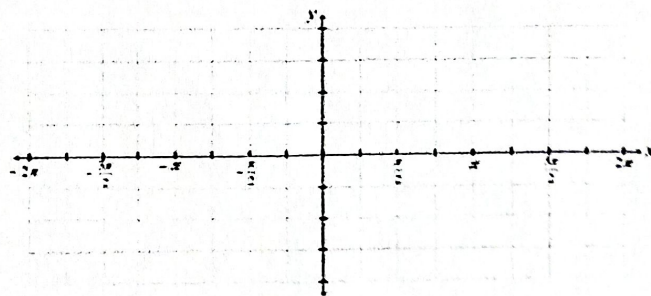
6. $y = 2 \cos x$



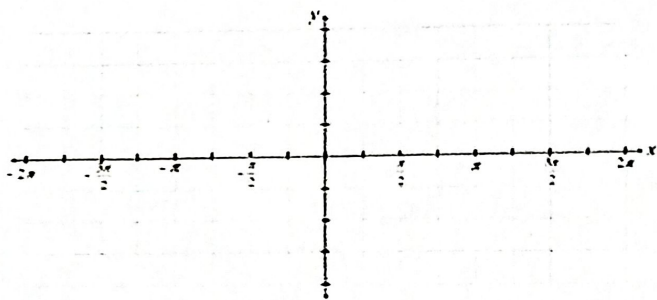
7. $y = \sin 2x$



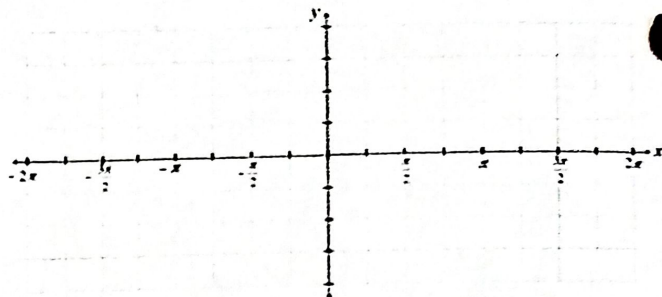
8. $y = \cos \frac{1}{2} x$



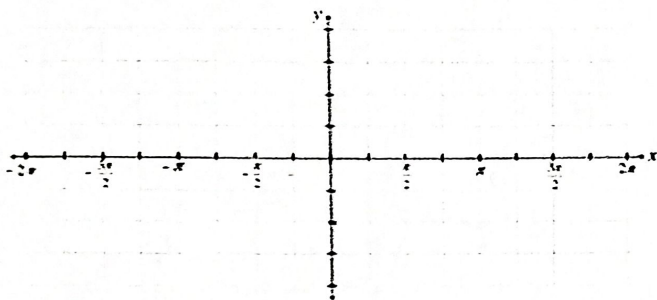
9. $y = 2 \sin 4x$



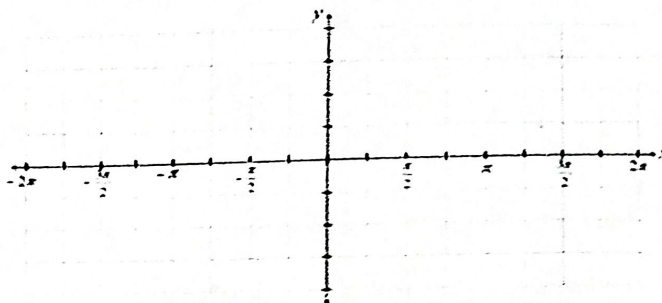
10. $y = 3 \cos 2x$



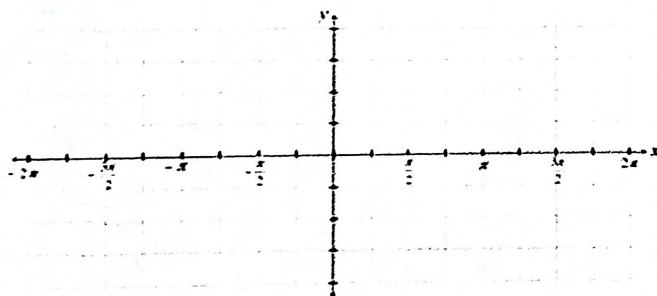
11. $y = -\cos x + 2$



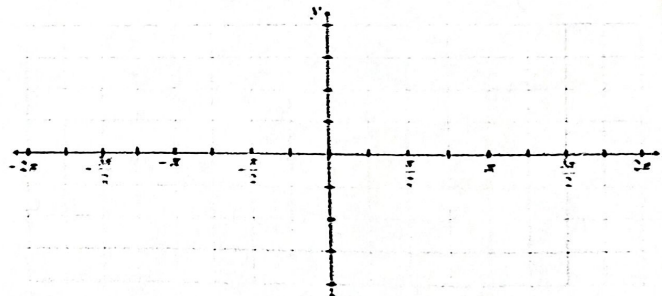
12. $y = 3 \sin x - 1$



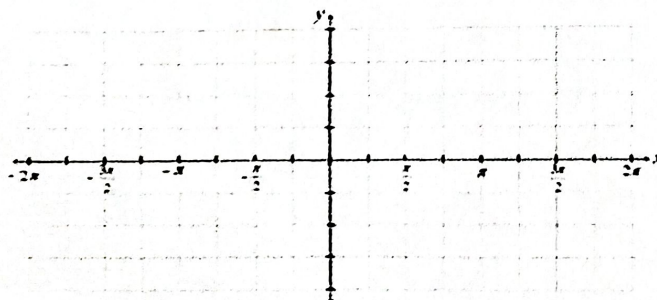
13. $y = \sin\left(x + \frac{\pi}{2}\right)$



14. $y = 2 \cos(x - \pi)$



15. $y = -\sin\left(x - \frac{\pi}{2}\right)$



16. $y = 2 \cos 2(x - \pi)$

