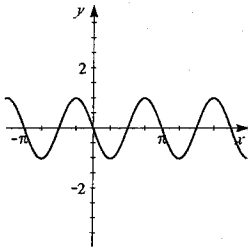
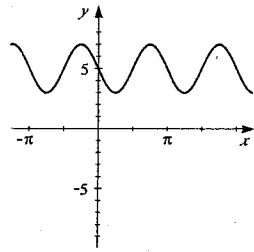


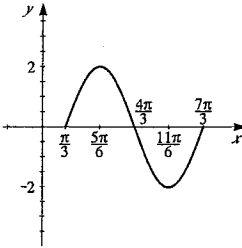
16. $y = \sin(-2x)$
amplitude = 1, period = π



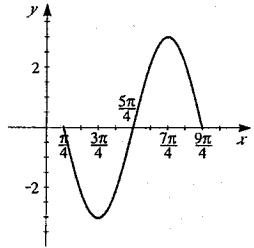
18. $y = 5 - 2 \sin 2x$
amplitude = 2, period = π



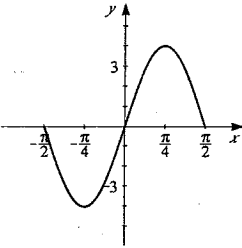
20. $y = 2 \sin(x - \frac{\pi}{3})$
amplitude = 2, period = 2π ,
phase shift = $\frac{\pi}{3}$



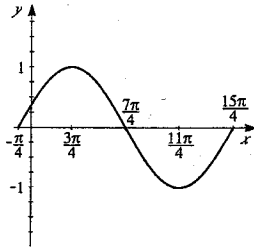
22. $y = 3 \cos(x + \frac{\pi}{4})$
amplitude = 3, period = 2π ,
phase shift = $\frac{\pi}{4}$



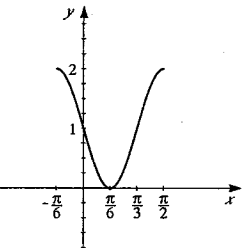
24. $y = -4 \sin 2(x + \frac{\pi}{2})$
amplitude = 4, period = π ,
phase shift = $-\frac{\pi}{2}$



26. $y = \sin \frac{1}{2}(x + \frac{\pi}{4})$
amplitude = 1, period = 4π ,
phase shift = $-\frac{\pi}{4}$



28. $y = 1 + \cos(3x + \frac{\pi}{2}) = 1 + \cos 3(x + \frac{\pi}{6})$
amplitude = 1, period = $\frac{2\pi}{3}$,
phase shift = $-\frac{\pi}{6}$



30. $y = 3 + 2 \sin 3(x + 1)$
amplitude = 2, period = $\frac{2\pi}{3}$,
phase shift = -1

