

SM3 unit 10 test review

1. vs: up 6, amplitude: 5 (reflect)

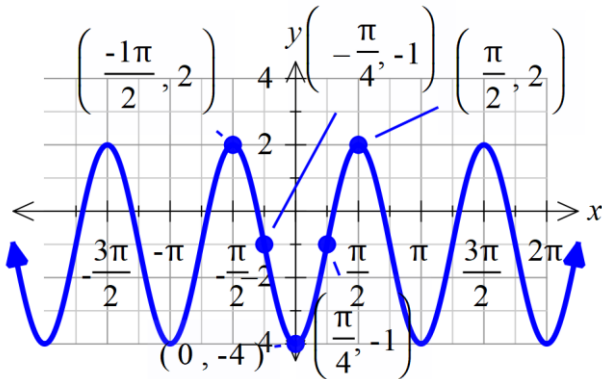
Ps: none $b: \frac{1}{4}$ per: 8π

2. vs: none, amplitude: 1 (reflect)

Ps: left $\frac{\pi}{4}$ $b: 1$ per: 2π

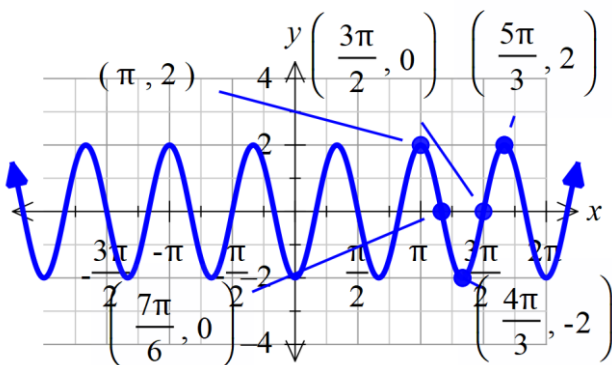
3. vs: down 1, amplitude: 3

Ps: left $\frac{\pi}{2}$ per: π



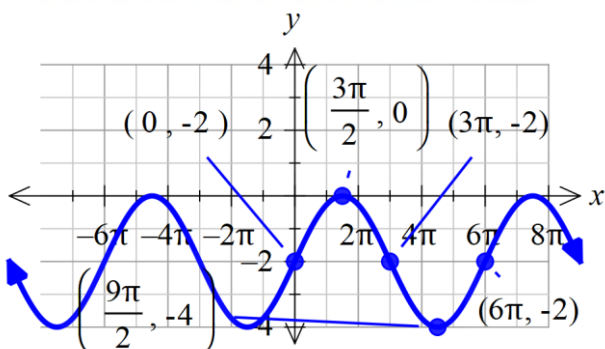
4. vs: none, amplitude: 2

Ps: right π per: $\frac{2\pi}{3}$



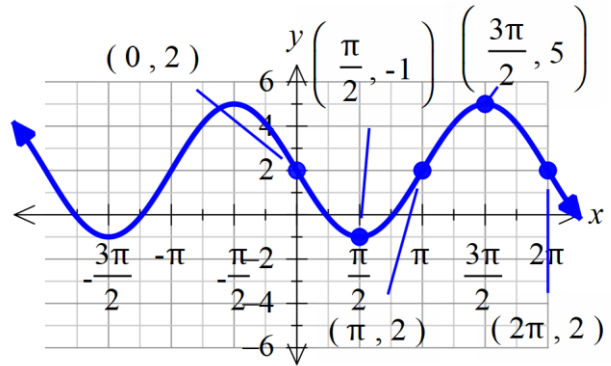
5. vs: down 2, amplitude: 2

Ps: none per: 6π



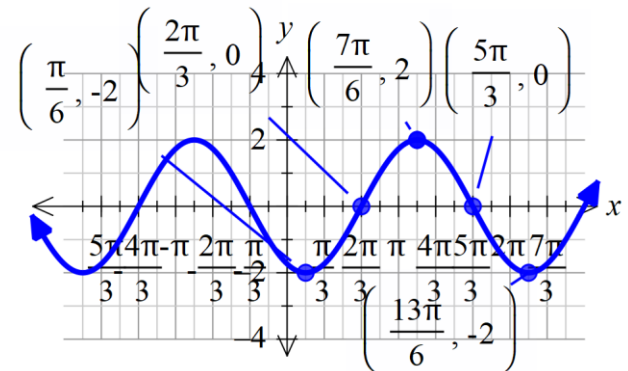
6. vs: up 2, amplitude: 3 (reflect)

Ps: none per: 2π



7. vs: none, amplitude: 2 (reflect)

Ps: right $\frac{\pi}{6}$ per: 2π



8. $f(x) = 3 \sin x - 2$

9. $f(x) = -2 \cos\left(\frac{1}{2}x\right)$

10. $f(x) = 2 \cos x + 24$

11. $f(x) = \cos(4(x - \pi))$

12. $f(x) = 3 \sin(2x) + 10$

13. $f(x) = 7 \sin(8x)$

14. $f(t) = -2 \sin\left(\frac{\pi}{3}t\right)$

15. $f(t) = -50 \cos\left(\frac{\pi}{40}x\right) + 60$

16. $f(t) = 12 \cos\left(\frac{\pi}{6}t\right) + 70$

17. $f(t) = -48 \cos\left(\frac{\pi}{6}x\right)$

18. $f(t) = \sin(130000\pi t)$