

SM3 unit 8 test review Answers-shorter

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

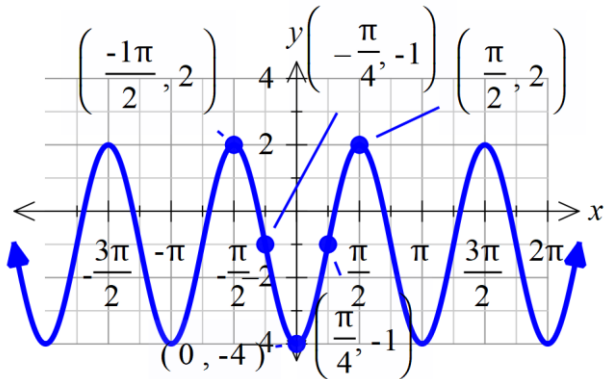
Ps: none $b: \frac{1}{4}$ per: 8π

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

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

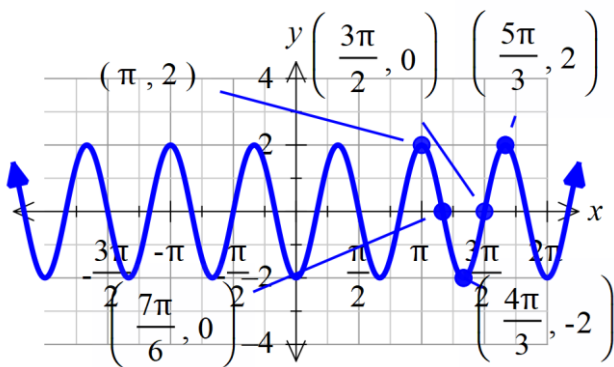
3. vs: down 1, amplitude: 3

Ps: left $\frac{\pi}{2}$ per: π



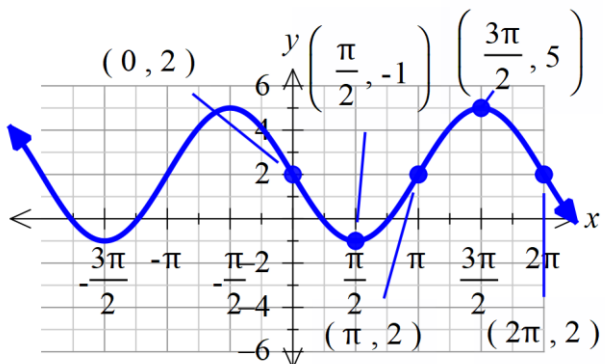
4. vs: none, amplitude: 2

Ps: right π per: $\frac{2\pi}{3}$



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

Ps: none per: 2π



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

7. $f(x) = -2 \cos(\frac{1}{2}x)$

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

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

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

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