

SM3H—7.5 odd answers

1. 2

3. undefined

5. ≈ 92.6

7. period: $\frac{4\pi}{3}$

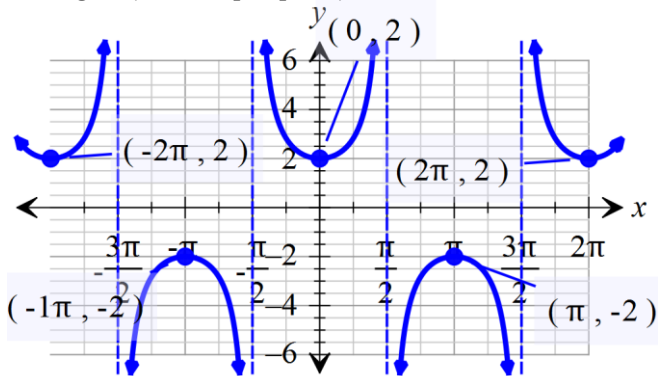
Range: $(-\infty, -1] \cup [1, \infty)$

9. period: 2π

Range: $(-\infty, -2] \cup [2, \infty)$

11. Period: 2π ; Asy: $x = \frac{\pi}{2} + \pi k$;

Range: $(-\infty, -2] \cup [2, \infty)$



17. $g(x) = -\csc(x + 1) + 4$

19. $x = \frac{\pi}{2} + \frac{\pi}{2}k$

21. $\frac{\pi}{10}$

23. 225°

25. 2.1 m

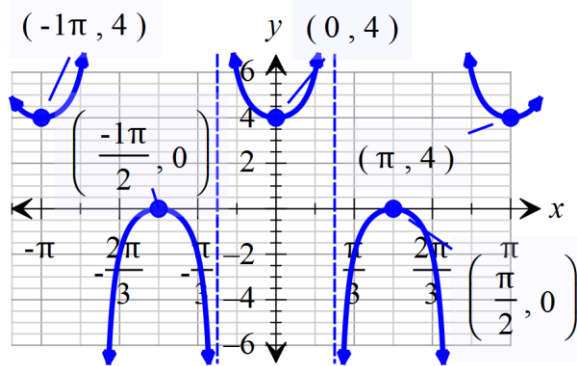
27. $f(x) = -25\cos\left(\frac{\pi}{20}x\right) + 30$

29. $f(x) = \sin(60\pi x)$

31. $f(x) = 12.5\cos\left(\frac{\pi}{6}x\right) + 63.5^\circ$

13. Period: π ; Asy: $x = \frac{\pi}{4} + \frac{\pi}{2}k$;

Range: $(-\infty, 0] \cup [4, \infty)$



15. Period: π ; Asy: $x = \frac{\pi}{4} + \frac{\pi}{2}k$;

Range: $(-\infty, -1] \cup [1, \infty)$

