

SM3 8.4 answers

1. $f(x) = 3 \sin(2x) + 7$

2. $f(x) = \sin\left(4\left(x - \frac{\pi}{2}\right)\right)$

3. $f(x) = 5 \cos(x) + \frac{5}{6}$

4. $f(x) = \cos(6(x - \pi))$

5. $f(x) = -2 \sin\left(\frac{x}{2}\right)$

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

7. $f(t) = -1.8 \sin\left(\frac{\pi}{4}t\right)$

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

9. $f(t) = -32 \cos\left(\frac{\pi}{6}t\right)$

10. $f(t) = 12.5 \cos\left(\frac{\pi}{6}t\right) + 63.5$

11. $f(t) = -32 \cos\left(\frac{\pi}{6}t\right)$

12. $f(t) = \sin(60\pi t)$

13. $f(t) = \sin(40,000\pi t)$