

Homework 5~~1~~ answers (for # 1-12)

(your answer could vary if you worked with a different function.)

1. $y = 4 \cos 2x$

2. $y = 3 \sin \frac{1}{2}x$

3. $y = -2 \cos 4\pi x$

4. $y = -5 \sin x$

5. $y = 2 \cos \frac{1}{3}x + 1$

6. $y = \frac{3}{2} \sin 2\pi x - \frac{3}{2}$

7. $y = \frac{1}{2} \cos x$

8. $y = 5 \sin 2x$

9. $y = 3 \cos \frac{1}{2}x$

10. $y = 4 \sin \frac{1}{3}(x + \pi/2) + 1$

11. $y = 4 \tan \frac{1}{2}x$

12. $y = 2 \tan 2x$