

Calculus Class Worksheet #1 Unit 6 _____

Find dy/dx for each of the following.

1. $y = \sin(x)$

2. $y = \cos(x)$

3. $y = \sin(6x)$

4. $y = \cos(2x)$

5. $y = \sin(5x - 2)$

6. $y = \cos(4x + 1)$

7. $y = \sin(2x^3)$

8. $y = \cos(-3x^3)$

9. $y = \sin^3(2x + 3)$

10. $y = \cos^4(3x - 1)$

11. $y = \sin \sqrt{2x + 3}$

12. $y = \cos \sqrt{5x + 2}$

13. $y = \sqrt{\sin(2x + 3)}$

14. $y = \sqrt{\cos(5x + 2)}$