

Find the Derivatives of all the below functions :

(Refer calculus Quick Reference attachment for help)

1. x^5

2. $x^{2/3}$

3. $\frac{1}{\sqrt{x}}$

4. x^{-2}

5. π (pie)

6. 50

7. 45

8. πx^2

9. $995x^5$

10. $10x^2$

11. $99x^3 + 75x^2$

12. $12x + 25x^2 + 30x^5 - 20x^2$

13. $225x^2 + \frac{15}{\sqrt{x}} - \frac{1}{3}x^{-4} + 25x^3$