

Find the Antiderivatives

1. $\int x \cos(3x^2) dx =$

2. $\int \sec^2(5x - 3) dx =$

3. $\int (3x + 4)^{15} dx =$

4. $\int \tan(\pi x) dx =$

5. $\int \cos^5 x \sin x dx =$

6. $\int 3x \sin(4x^2) dx =$

7. $\int \frac{9x^2 - 10x + 2}{3x^3 - 5x^2 + 2x - 4} dx =$

8. $\int e^{7x-3} dx$

9. $\int 9x \sec(3x^2) \tan(3x^2) dx =$

10. $\int (6x^2 - 2 \sin(3x) + 5x) dx =$