

11B Basic Reverse Chain Rule

1. Find the following integral:

$$\int \cos(2x + 3) dx$$

2. Find the following integral:

$$\int (e^{4x+1}) dx$$

3. Find the following integral:

$$\int (\sec^2 3x) dx$$

4. Find:

$$\int \left(\frac{1}{3x+2} \right) dx$$

5. Find:

$$\int (2x+3)^4 dx$$