
Name: _____

1. $\lim_{x \rightarrow 1} x^{1/(x-1)} =$

2. $\int \left(8x^3 - \frac{1}{x} + x + 3 \right) dx =$

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

4. $\int \left(\sqrt[5]{x} + \frac{1}{x^2} \right) dx =$

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1. $\lim_{x \rightarrow 0^+} x^{(x^2)} =$

2. $\int \left(4x^3 - x + 2 + \frac{2}{x} \right) dx =$

3. $\int (e^x + \csc^2(x)) dx =$

4. $\int \left(\frac{1}{x^3} + \sqrt{x} \right) dx =$