

Name: _____

MATH 200 – QUIZ 11 §

I'm in the Thurs11 Thurs12 Thurs1 or Fri10 recitation. (Circle one)

November 16, 2012

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

2. $\lim_{x \rightarrow \infty} (\ln x)^{1/x} =$

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

4. $\int \sec^2(\pi x) dx =$

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1. $\lim_{x \rightarrow 0} \frac{8x^2}{\cos(x) - 1} =$

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

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

4. $\int e^{5x} dx =$

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November 15, 2012

1. $\lim_{x \rightarrow 0} \frac{x^2}{\ln(\sec x)} =$

2. $\lim_{x \rightarrow \infty} (\ln 2x - \ln(x + 1)) =$

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

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

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1. $\lim_{x \rightarrow \frac{\pi}{2}} \frac{2x - \pi}{\cos(2\pi - x)} =$

2. $\lim_{x \rightarrow 0^+} x^2 \ln x =$

3. $\int (7 + x^6 + \sec^2(x)) dx =$

4. $\int e^{-x} dx =$