

Name: _____

MATH 200 – QUIZ 13



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

December 6, 2012

1. $\frac{d}{dx} \left[\int_1^x \cos(2t) dt \right] =$

2. $\int_0^1 x(x^2 + 1) dx =$

3. $\int \frac{4y}{2y^2 - 6} dy =$

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1. $\frac{d}{dx} \left[\int_2^x \frac{2s^3}{s+1} ds \right] =$

2. $\int_{\pi/4}^{3\pi/4} \cot x \csc x dx =$

3. $\int e^{2r^2} 4r dr =$

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December 7, 2012

1. $\frac{d}{dx} \left[\int_3^x e^{4r} dr \right] =$

2. $\int_1^4 x^{-\frac{1}{2}} dx =$

3. $\int 6\theta \cos(3\theta^2) d\theta =$

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1. $\frac{d}{dx} \left[\int_4^x (z^2 + 5)^2 dz \right] =$

2. $\int_{-\pi/6}^{\pi/6} \tan x \sec x dx =$

3. $\int 12s^2 \sqrt{4s^3 + 15} ds =$