

Math 16a – Quiz 8

Section 113, November 6, 2007

Name:

Each question is worth 3 points. You have 15 minutes.

1. Let $f(x) = e^{x^3 e^{2x}}$. Compute $f'(x)$.

2. Determine all functions $y = f(x)$ such that $y' = 6y$ and $f(0) = -2$.

Math 16a – Quiz 8

Section 115, November 6, 2007

Name:

Each question is worth 3 points. You have 15 minutes.

1. Let $f(x) = e^{x^3 e^{2x}}$. Compute $f'(x)$.

2. Determine all functions $y = f(x)$ such that $y' = 4y$ and $f(0) = -3$.

Math 16a – Quiz 8

Section 117, November 6, 2007

Name:

Each question is worth 3 points. You have 15 minutes.

1. Let $f(x) = e^{x^3 e^{2x}}$. Compute $f'(x)$.

2. Determine all functions $y = f(x)$ such that $y' = 2y$ and $f(0) = -5$.