

MATH 6 – QUIZ 2
10 FEBRUARY 2012

Name: _____

NO CALCULATORS

1. Compute the following integral. You need not fully simplify your answer. However, 1 point extra credit will be awarded if you can write your (correct) answer as a simplified fraction with no exponents.

$$\int_1^8 \frac{1}{\sqrt[3]{x}} dx$$

2. Compute the following integral.

$$\int x^3(x^4 + 2)^{99} dx$$