3   Quiz 3 MAT 1275 Professor Chiu

Name: _____

- This quiz consists of **2** questions, each worth 5 points, for a total of **10** points.

- You have **10** minutes to complete the quiz.

- Show all work and justify your answers.

- Scientific calculators are allowed.

- Wishing you success.

1. Evaluate
$$\left(\frac{2^3 \cdot 3^{-2} \cdot 5^{-8}}{2^{-2} \cdot 3^4 \cdot 5^{-9}}\right)^{-2}$$

2. Multiply and write your answers in Scientific Notation:
$$(2 \times 10^3)(5.1 \times 10^{-7})$$