2 Classwork 2 MAT 1275 Professor Chiu

Name: Sol

- This classwork consists of 2 questions.
- Show all work and justify your answers.
- Scientific calculators are allowed.
- Wishing you success.

1. Simplify and write your answers with positive exponents:

$$(\frac{a}{b})^{2} = (\frac{a}{b})^{2}$$

$$= (\frac{a}{b})^{2} = \text{reciprocal ob} \frac{a}{b} = \frac{b}{a}$$

$$(\frac{a}{b})^{2} = \frac{b}{a}$$

$$(\frac{a}{b})^{2}$$

Observation

2. Divide and write your answers in Scientific Notation:

$$\frac{1.8 \times 10^9}{6.0 \times 10^{11}}$$

$$= \frac{1.8}{6.0} \times \frac{10^7}{10^{11}}$$

$$= 0.3 \times 10^9$$

$$= 3 \times 10$$