**Lesson 9**

**8•1**

**NYS COMMON CORE MATHEMATICS CURRICULUM**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 9: Scientific Notation**

**Exit Ticket**

1. The approximate total surface area of Earth is 5.1×108 𝑘𝑚2. Salt water has an approximate surface area of352,000,000 𝑘𝑚2 and freshwater has an approximate surface area of 9×106 𝑘𝑚2. How much of Earth’s surface is covered by water, including both salt and fresh water? Write your answer in scientific notation.

2. How much of Earth’s surface is covered by land? Write your answer in scientific notation.

3. Approximately how many times greater is the amount of Earth’s surface that is covered by water, compared to the amount of Earth’s surface that is covered by land?