**Lesson 6 Homework Practice**

***Scientific Notation***

**Write each n2umber in standard form.**

**1.** 9.03 × **2.** 7.89 × **3.** 4.115 × **4.** 3.201 ×

**5.** 5.1 × **6.** 7.7 × **7.** 3.85 × **8.** 1.04 ×

**Write each number in scientific notation.**

**9.** 4,400 **10.** 75,000 **11.** 69,900,000 **12.** 575,000,000

**13.** 0.084 **14.** 0.0099 **15.** 0.000000515 **16.** 0.0000307

**17.** Which number is greater: or ?

**18.** Which number is less: or ?

|  |  |
| --- | --- |
| **Country** | **Population** |
| Australia |  |
| Brazil |  |
| Egypt |  |
| Luxembourg |  |
| Singapore |  |

**19. POPULATION** The table lists the populations of five countries. List the countries from least to greatest population.

**20. SOLAR SYSTEM** Pluto is 3.67 × miles from the Sun. Write this number in standard form.

**21. MEASUREMENT** One centimeter is equal to about 0.0000062 mile. Write this number in scientific notation.

**22. DISASTERS** In 2005, Hurricane Katrina caused over $125 billion in damage in the southern United States. Write $125 billion in scientific notation.