

Name: \_\_\_\_\_

Math Practice: Page 9

Class: \_\_\_\_\_

Date: \_\_\_\_\_

Directions: Please write the following in scientific notation.

|  |   |
|--|---|
| <b>1) 235,000</b>  | <b>2) 1,230,000</b>   |
| <b>3) 95,000,000</b>   | <b>4) Write <math>5.63 \times 10^7</math> in standard form.</b>   |
| <b>5) Write <math>3.4 \times 10^5</math> in standard form.</b>   | <b>6) 0.00034</b>   |
| <b>7) 0.00000675</b>   | <b>8) 0.00000000853</b>   |
| <b>9) Write <math>2.65 \times 10^{-6}</math> in standard form.</b>   | <b>10) Write <math>9.6 \times 10^{-3}</math> in standard form.</b>  |
| <b>11) The human heart beats 37,800,000 times in one year. Convert 37,800,000 to scientific notation.</b>                                    | <b>12) Pete watched a movie about a spaceship in search of a Big Mac that travelled 97 million miles through space. What is the number of miles the spaceship travelled in scientific notation?</b> |
| <b>13) The distance between Mars and Earth is about <math>4.8732 \times 10^7</math>. What is the standard written form of this distance?</b> | <b>14) A scientist looks under a microscope at a particle that is <math>4.5 \times 10^{-7}</math> cm wide. How is this measure expressed in scientific notation?</b>                                |