

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

## Scientific Notation - Standard

Positive: ES3

### Example:

Write  $1.52 \times 10^2$  in standard notation.

Here the exponent is 2. We should move the decimal point 2 places to the right.

$$\begin{array}{c} 1 \overline{)5} \overline{2} \\ 1.52 \times 10^2 = \mathbf{152} \end{array}$$

Express each number in standard notation.

1)  $4.125 \times 10^3$  = \_\_\_\_\_      2)  $7.401 \times 10^2$  = \_\_\_\_\_

3)  $9.1612 \times 10^5$  = \_\_\_\_\_

5)  $6.005 \times 10^4$  = \_\_\_\_\_

7)  $1.347 \times 10^2$  = \_\_\_\_\_

9)  $2.1 \times 10^1$  = \_\_\_\_\_

11)  $8.2016 \times 10^4$  = \_\_\_\_\_      12)  $2.205 \times 10^2$  = \_\_\_\_\_

13)  $7.968 \times 10^3$  = \_\_\_\_\_      14)  $4.2569 \times 10^5$  = \_\_\_\_\_

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