

Name : _____

Scientific Notation - Standard

Negative: ES1

Example:

Write 9.52×10^{-2} in standard notation.

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

$$\begin{array}{c} \swarrow \quad \searrow \\ 0 \quad 0 \quad 9 \cdot 5 \quad 2 \\ 9.52 \times 10^{-2} = \mathbf{0.0952} \end{array}$$

Express each number in standard notation.

1) $8.5 \times 10^{-2} =$ _____

2) $6.13 \times 10^{-4} =$ _____

3) $2.0712 \times 10^{-5} =$ _____

4) $5.0015 \times 10^{-3} =$ _____

5) $4.155 \times 10^{-3} =$ _____

6) $8.075 \times 10^{-2} =$ _____

7) $7.4 \times 10^{-4} =$ _____

8) $9.2 \times 10^{-1} =$ _____

9) $1.4258 \times 10^{-1} =$ _____

10) $2.98 \times 10^{-4} =$ _____

11) $9.01 \times 10^{-4} =$ _____

12) $1.7206 \times 10^{-3} =$ _____

13) $3.7026 \times 10^{-2} =$ _____

14) $8.69 \times 10^{-5} =$ _____