

Standard and Scientific Notations

Negative: ES1

Express each number in scientific notation.

1) 0.0045 = _____

2) 0.424 = _____

3) 0.069 = _____

4) 0.78126 = _____

5) 0.82 = _____

6) 0.57 = _____

7) 0.0004 = _____

8) 0.984 = _____

Express each number in standard notation.

9) 7.015×10^{-1} = _____

10) 9.586×10^{-4} = _____

11) 1.56×10^{-2} = _____

12) 1.5×10^{-3} = _____

13) 9.10×10^{-3} = _____

14) 6.59×10^{-1} = _____

15) 5.2×10^{-2} = _____

16) 9.8×10^{-3} = _____

Answer key**Standard and Scientific Notations**

Negative: ES1

Express each number in scientific notation.

1) $0.0045 = \underline{4.5 \times 10^{-3}}$

2) $0.424 = \underline{4.24 \times 10^{-1}}$

3) $0.069 = \underline{6.9 \times 10^{-2}}$

4) $0.78126 = \underline{7.8126 \times 10^{-1}}$

5) $0.82 = \underline{8.2 \times 10^{-1}}$

6) $0.57 = \underline{5.7 \times 10^{-1}}$

7) $0.0004 = \underline{4 \times 10^{-4}}$

8) $0.984 = \underline{9.84 \times 10^{-1}}$

Express each number in standard notation.

9) $7.015 \times 10^{-1} = \underline{0.7015}$

10) $9.586 \times 10^{-4} = \underline{0.0009586}$

11) $1.56 \times 10^{-2} = \underline{0.0156}$

12) $1.5 \times 10^{-3} = \underline{0.0015}$

13) $9.10 \times 10^{-3} = \underline{0.0091}$

14) $6.59 \times 10^{-1} = \underline{0.659}$

15) $5.2 \times 10^{-2} = \underline{0.052}$

16) $9.8 \times 10^{-3} = \underline{0.0098}$