

Scientific Notation

Negative: ES3

Example:

Write 0.059 in scientific notation.

0.059

We should move the decimal point 2 places to the right. So, the exponent will be -2.

$$0.059 = 5.9 \times 10^{-2}$$

Express each number in scientific notation.

1) 0.0742 = _____

3) 0.0018 = _____

5) 0.5064 = _____

7) 0.0096 = _____

9) 0.247 = _____

11) 0.0003 = _____

12) 0.0094 = _____

13) 0.0202 = _____

14) 0.157 = _____

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Answer key**Scientific Notation**

Negative: ES3

Example:

Write 0.059 in scientific notation.

We should move the decimal point 2 places to the right. So, the exponent will be -2.

$$0.059 = 5.9 \times 10^{-2}$$

Express each number in scientific notation.

1) $0.0742 =$ _____

4×10^{-4}

3) $0.0018 =$ _____

5.8×10^{-1}

5) $0.5064 =$ _____

6.32×10^{-2}

7) $0.0096 =$ _____

7×10^{-4}

9) $0.247 =$ _____

1.8×10^{-1}

11) $0.0003 =$ 3×10^{-4} _____

12) $0.0094 =$ 9.4×10^{-3} _____

13) $0.0202 =$ 2.02×10^{-2} _____

14) $0.157 =$ 1.57×10^{-1} _____

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