

Scientific Notation

Negative: ES2

Example:

Write 0.82 in scientific notation.

$$0.82$$

We should move the decimal point 1 place to the right. So, the exponent will be -1.

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

Express each number in scientific notation.

1) $0.052 =$ _____

3) $0.0023 =$ _____

5) $0.9142 =$ _____

7) $0.074 =$ _____

9) $0.803 =$ _____

11) $0.0005 =$ _____

12) $0.085 =$ _____

13) $0.00492 =$ _____

14) $0.249 =$ _____

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Answer key**Scientific Notation**

Negative: ES2

Example:

Write 0.82 in scientific notation.

$$0.\overset{\curvearrowright}{8}2$$

We should move the decimal point 1 place to the right. So, the exponent will be -1.

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

Express each number in scientific notation.

1) $0.052 =$ _____

7.3×10^{-2}

3) $0.0023 =$ _____

9.6×10^{-1}

5) $0.9142 =$ _____

8.2×10^{-3}

7) $0.074 =$ _____

9×10^{-4}

9) $0.803 =$ _____

7.1×10^{-3}

11) $0.0005 =$ 5×10^{-4}

12) $0.085 =$ 8.5×10^{-2}

13) $0.00492 =$ 4.92×10^{-3}

14) $0.249 =$ 2.49×10^{-1}

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com