

Scientific Notation

Example: 1

Write 514,223 in scientific notation.

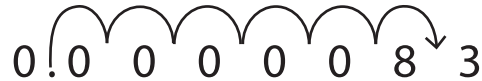


We should move the decimal point 5 places to the left. So, the exponent will be 5.

$$514,223 = 5.14223 \times 10^5$$

Example: 2

Write 0.0000083 in scientific notation.



We should move the decimal point 6 places to the right. So, the exponent will be -6.

$$0.0000083 = 8.3 \times 10^{-6}$$

Express each number in scientific notation.

1) 18,451,000 _____

2) 0.000004826 _____

3) 5,820,000,000 _____

4) 0.0000000072 _____

5) 350,100,000,000 _____

6) 0.000000000000 _____

7) 71,300,000 _____

8) 0.00000002164 _____ = _____

9) 30,000,000,000,000 _____ = _____

10) 0.0000642 _____ = _____

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