Name : _____

Scientific Notation - Standard

Mixed: MS3

Example: 1

Write 1.0653×10^{5} in standard notation.

Here the exponent is 5. We should move the decimal point 5 places to the right.

1.0653×10^{5} = **106,530**

Example: 2

Write 7.6×10^{-5} in standard notation.

Here the exponent is -5. We should move the decimal point 5 places to the left.

7.6×10^{-5} = **0.000076**

Express each number in standard notation.

1) 3.012×10^{-11} = _____

2) 8.1516×10^{8} = _____

3) 2.21×10^{-7} = _____

4) 9.5096×10^{13} = _____

5) 6.7×10^{-14} = _____

6) 2.931×10^{10} = _____

7) 1.19×10^{-9} = _____

8) 7.182×10^{6} = _____

9) 4.2508×10^{-13} = _____

10) 2.57×10^{-8} = _____