

Name : _____

Score : _____

Scientific Notation

Express each number in scientific notation.

1) 0.0056 = _____

2) 24,010 = _____

3) 4,085 = _____

4) 0.017 = _____

5) 0.000796 = _____

6) 952 = _____

7) 50,413 = _____

8) 0.004 = _____

Express each number in standard notation.

9) 2.445×10^3 = _____

10) 1.04×10^{-4} = _____

11) 9.165×10^{-2} = _____

12) 5.962×10^3 = _____

13) 2.2×10^{-5} = _____

14) 3.12×10^{-1} = _____

15) 8.0447×10^4 = _____

16) 1.278×10^2 = _____

Answer key

Express each number in scientific notation.

1) 0.0056 = 5.6×10^{-3}

2) 24,010 = 2.401×10^4

3) 4,085 = 4.085×10^3

4) 0.017 = 1.7×10^{-2}

5) 0.000796 = 7.96×10^{-4}

6) 952 = 9.52×10^2

7) 50,413 = 5.0413×10^4

8) 0.004 = 4×10^{-3}

Express each number in standard notation.

9) 2.445×10^3 = 2,445

10) 1.04×10^{-4} = 0.000104

11) 9.165×10^{-2} = 0.09165

12) 5.962×10^3 = 5,962

13) 2.2×10^{-5} = 0.000022

14) 3.12×10^{-1} = 0.312

15) 8.0447×10^4 = 80,447

16) 1.278×10^2 = 127.8