

Name : _____

Score : _____

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

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Answer key

Express each number in scientific notation.

1) 0.00245 = 2.45×10^{-3}

2) 6,072 = 6.072×10^3

3) 1,000 = 1×10^3

4) 0.245 = 2.45×10^{-1}

5) 30,485 = 3.0485×10^4

6) 156 = 1.56×10^2

7) 0.0568 = 5.68×10^{-2}

8) 0.0007 = 7×10^{-4}

Express each number in standard notation.

9) 9.83×10^{-4} = 0.000983

10) 3.987×10^4 = 39,870

11) 6.206×10^2 = 620.6

12) 5×10^5 = 500,000

13) 7.6×10^3 = 7,600

14) 7.1×10^{-4} = 0.00071

15) 1.52×10^{-1} = 0.152

16) 6.25×10^2 = 625