

Name: _____

Date: _____ Score: _____

Standard and Scientific Notations

Express each number in scientific notation.

1) 3,075 = _____

2) 447 = _____

3) 0.003 = _____

4) 0.00125 = _____

5) 872 = _____

6) 0.94300 = _____

7) 1,000,000 = _____

8) 4,400 = _____

Express each number in standard form.

9) 8.65×10^{-1} = _____

10) 1.61×10^7 = _____

11) 8.5×10^{-5} = _____

12) 3.042×10^2 = _____

13) 3.67×10^{-3} = _____

14) 2.445×10^3 = _____

15) 3.4121×10^4 = _____

16) 4.216×10^3 = _____

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Answers

1) 3,075 = 3.075×10^3 2) 447 = 4.47×10^2

3) 0.003 = 3×10^{-3} 4) 0.00125 = 1.25×10^{-3}

5) 872 = 8.72×10^2 6) 0.94300 = 9.4300×10^{-1}

7) 1,000,000 = 1×10^6 8) 4,400 = 4.4×10^3

9) 8.65×10^{-1} = 0.865 10) 1.61×10^7 = 16100000

11) 8.5×10^{-5} = 0.000085 12) 3.042×10^2 = 304.2

13) 3.67×10^{-3} = 0.00367 14) 2.445×10^3 = 2,445

15) 3.4121×10^4 = 34,121 16) 4.216×10^3 = 4,216