

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) 2.445×10^2 = _____

10) 1.04×10^{-4} = _____

11) 9.165×10^{-2} = _____

12) 5.962×10^2 = _____

13) 2.2×10^{-2} = _____

14) 3.12×10^{-1} = _____

15) 8.0447×10^4 = _____

16) 1.278×10^2 = _____

Standard and Scientific Notations

Mixed: ES1

Express each number in scientific notation.

$$1) \quad 0.0056 = \underline{5.6 \times 10^{-3}}$$

$$2) \quad 24,010 = \underline{2.401 \times 10^4}$$

$$3) \quad 4,085 = \underline{4.085 \times 10^3}$$

$$4) \quad 0.017 = \underline{1.7 \times 10^{-2}}$$

$$5) \quad 0.000796 = \underline{7.96 \times 10^{-4}}$$

$$6) \quad 952 = \underline{9.52 \times 10^2}$$

$$7) \quad 50,413 = \underline{5.0413 \times 10^4}$$

$$8) \quad 0.004 = \underline{4 \times 10^{-3}}$$

Express each number in standard notation.

$$9) \quad 2.445 \times 10^3 = \underline{2,445}$$

$$10) \quad 1.04 \times 10^{-4} = \underline{0.000104}$$

$$11) \quad 9.165 \times 10^{-2} = \underline{0.09165}$$

$$12) \quad 5.962 \times 10^3 = \underline{5,962}$$

$$13) \quad 2.2 \times 10^{-5} = \underline{0.000022}$$

$$14) \quad 3.12 \times 10^{-1} = \underline{0.312}$$

$$15) \quad 8.0447 \times 10^4 = \underline{80,447}$$

$$16) \quad 1.278 \times 10^2 = \underline{127.8}$$

