

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

# Scientific Notation Worksheet

Express each of the following in standard notation.

1)  $4.7 \times 10^3 =$  \_\_\_\_\_

9)  $9.23 \times 10^5 =$  \_\_\_\_\_

2)  $2 \times 10^1 =$  \_\_\_\_\_

10)  $4.25 \times 10^{-4} =$  \_\_\_\_\_

3)  $1.88 \times 10^2 =$  \_\_\_\_\_

11)  $6.34 \times 10^3 =$  \_\_\_\_\_

4)  $4.9 \times 10^7 =$  \_\_\_\_\_

12)  $2.04 \times 10^{-4} =$  \_\_\_\_\_

5)  $3.875 \times 10^{-5} =$  \_\_\_\_\_

13)  $1.04 \times 10^8 =$  \_\_\_\_\_

6)  $4.689 \times 10^{-2} =$  \_\_\_\_\_

14)  $9.172 \times 10^{-5} =$  \_\_\_\_\_

7)  $3.199 \times 10^6 =$  \_\_\_\_\_

15)  $3.120 \times 10^{-3} =$  \_\_\_\_\_

8)  $6.12 \times 10^1 =$  \_\_\_\_\_

16)  $2.199 \times 10^7 =$  \_\_\_\_\_

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## Answers

$$1) 4.7 \times 10^3 = \underline{4,700}$$

$$9) 9.23 \times 10^5 = \underline{923000}$$

$$2) 2 \times 10^1 = \underline{20}$$

$$10) 4.25 \times 10^{-4} = \underline{0.000425}$$

$$3) 1.88 \times 10^2 = \underline{188}$$

$$11) 6.34 \times 10^3 = \underline{6340}$$

$$4) 4.9 \times 10^7 = \underline{49000000}$$

$$12) 2.04 \times 10^{-4} = \underline{0.000204}$$

$$5) 3.875 \times 10^{-5} = \underline{0.00003875}$$

$$13) 1.04 \times 10^8 = \underline{104000000}$$

$$6) 4.689 \times 10^{-2} = \underline{0.04689}$$

$$14) 9.172 \times 10^{-5} = \underline{0.00009172}$$

$$7) 3.199 \times 10^6 = \underline{3199000}$$

$$15) 3.120 \times 10^{-3} = \underline{0.003120}$$

$$8) 6.12 \times 10^1 = \underline{61.2}$$

$$16) 2.199 \times 10^7 = \underline{21990000}$$