

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

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

## Scientific Notation Practice Worksheet

Express in scientific notation.

1) 872 = \_\_\_\_\_      2) 72,590 = \_\_\_\_\_

3) 84,320 = \_\_\_\_\_      4) 105 = \_\_\_\_\_

5) 0.09105 = \_\_\_\_\_      6) 0.00001276 = \_\_\_\_\_

7) 110,000,000 = \_\_\_\_\_      8) 6,060,000 = \_\_\_\_\_

Express in standard form.

9)  $8.39 \times 10^3$  = \_\_\_\_\_      10)  $5.418 \times 10^3$  = \_\_\_\_\_

11)  $1.373 \times 10^5$  = \_\_\_\_\_      12)  $1.52 \times 10^{-1}$  = \_\_\_\_\_

13)  $8.0447 \times 10^4$  = \_\_\_\_\_      14)  $5.962 \times 10^3$  = \_\_\_\_\_

15)  $2.56 \times 10^6$  = \_\_\_\_\_      16)  $6.6 \times 10^{-5}$  = \_\_\_\_\_

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### Answers

$$1) 872 = \underline{8.72 \times 10^2} \quad 2) 72,590 = \underline{7.259 \times 10^4}$$

$$3) 84,320 = \underline{8.432 \times 10^4} \quad 4) 105 = \underline{1.05 \times 10^2}$$

$$5) 0.09105 = \underline{9.105 \times 10^{-2}} \quad 6) 0.00001276 = \underline{1.276 \times 10^{-5}}$$

$$7) 110,000,000 = \underline{1.1 \times 10^8} \quad 8) 6,060,000 = \underline{6.06 \times 10^6}$$

$$9) 8.39 \times 10^3 = \underline{8,390} \quad 10) 5.418 \times 10^3 = \underline{5,418}$$

$$11) 1.373 \times 10^5 = \underline{137,300} \quad 12) 1.52 \times 10^{-1} = \underline{0.152}$$

$$13) 8.0447 \times 10^4 = \underline{80,447} \quad 14) 5.962 \times 10^3 = \underline{5,962}$$

$$15) 2.56 \times 10^6 = \underline{2,560,000} \quad 16) 6.6 \times 10^{-5} = \underline{0.000066}$$