

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

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

# Scientific Notation Practice Worksheet

Write the numbers in standard form.

1)  $3.08 \times 10^6 =$  \_\_\_\_\_

6)  $3.855 \times 10^{-7} =$  \_\_\_\_\_

2)  $5.56 \times 10^{-2} =$  \_\_\_\_\_

7)  $3.63 \times 10^4 =$  \_\_\_\_\_

3)  $7.5 \times 10^3 =$  \_\_\_\_\_

8)  $4.7 \times 10^5 =$  \_\_\_\_\_

4)  $4.350 \times 10^{-2} =$  \_\_\_\_\_

9)  $1.99 \times 10^4 =$  \_\_\_\_\_

5)  $6.92 \times 10^{-4} =$  \_\_\_\_\_

10)  $2.5 \times 10^{-5} =$  \_\_\_\_\_

Write the numbers in scientific notation.

11) 0.089 = \_\_\_\_\_

16) 0.00618 = \_\_\_\_\_

12) 4601 = \_\_\_\_\_

17) 0.00013 = \_\_\_\_\_

13) 0.000000598 = \_\_\_\_\_

18) 0.000004 = \_\_\_\_\_

14) 0.94300 = \_\_\_\_\_

19) 0.000914 = \_\_\_\_\_

15) 723 = \_\_\_\_\_

20) 0.0097 = \_\_\_\_\_

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## Answers

1)  $3.08 \times 10^6 = \underline{3080000}$       6)  $3.855 \times 10^{-7} = \underline{0.0000003855}$

2)  $5.56 \times 10^{-2} = \underline{0.0556}$       7)  $3.63 \times 10^4 = \underline{36,300}$

3)  $7.5 \times 10^3 = \underline{7500}$       8)  $4.7 \times 10^5 = \underline{470,000}$

4)  $4.350 \times 10^{-2} = \underline{0.0435}$       9)  $1.99 \times 10^4 = \underline{19,900}$

5)  $6.92 \times 10^{-4} = \underline{0.000692}$       10)  $2.5 \times 10^{-5} = \underline{0.000025}$

11)  $0.089 = \underline{8.9 \times 10^{-2}}$       16)  $0.00618 = \underline{6.18 \times 10^{-3}}$

12)  $4601 = \underline{4.601 \times 10^3}$       17)  $0.00013 = \underline{1.3 \times 10^{-4}}$

13)  $0.000000598 = \underline{5.98 \times 10^{-7}}$       18)  $0.000004 = \underline{4 \times 10^{-6}}$

14)  $0.94300 = \underline{9.4300 \times 10^{-1}}$       19)  $0.000914 = \underline{9.14 \times 10^{-4}}$

15)  $723 = \underline{7.23 \times 10^2}$       20)  $0.0097 = \underline{9.7 \times 10^{-3}}$