

## Math Functions with Significant Figures

Directions: Express the answer to each problem in the proper number of significant figures. Then express the answer in scientific notation.

1)  $11.67 + 5.3$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

2)  $2.34 \times 8901$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

3)  $345 - 19.2$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

4)  $200.0 / 18$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

5)  $89.7186 - 17.78$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

6)  $111.30 \times 200.$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

7)  $176 / 28$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

8)  $205.6 - 10.789$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

9)  $453 \times 981$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

10)  $7890 - 914$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

11)  $3400 / 19.7$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

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12)  $90.0 \times 13.45$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

13)  $7.45 - 5.4390$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

14)  $19.789 + 98.1$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

15)  $3.91 / 8904$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

16)  $6200 / 1945$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

17)  $8900 - 174.6$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

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18)  $(300. \times 46) + 14.6$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

19)  $(325.4 + 94) \times 2.0$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

20)  $56.43 / (24 + 193.54)$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

21)  $(23.45 - 34.5) / 6.1$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_

22)  $61 \times (5 - 8.12)$  = \_\_\_\_\_ Scientific Notation: \_\_\_\_\_