

*Convert the following numbers into scientific notation:*

1) 923 \_\_\_\_\_

2) 0.00425 \_\_\_\_\_

3) 4523000 \_\_\_\_\_

4) 0.94300 \_\_\_\_\_

5) 6750. \_\_\_\_\_

6) 92.03 \_\_\_\_\_

7) 7.80 \_\_\_\_\_

8) 0.00000032 \_\_\_\_\_

*Convert the following numbers into standard notation:*

9)  $3.92400 \times 10^5$  \_\_\_\_\_

10)  $9.2 \times 10^6$  \_\_\_\_\_

11)  $4.391 \times 10^{-3}$  \_\_\_\_\_

12)  $6.825 \times 10^{-4}$  \_\_\_\_\_

13)  $4.6978 \times 10^4$  \_\_\_\_\_

14)  $8.36 \times 10^1$  \_\_\_\_\_

15)  $2.46 \times 10^{-5}$  \_\_\_\_\_

16)  $8.8 \times 10^2$  \_\_\_\_\_

*Convert the following numbers into scientific notation:*

- |    |            |   |
|----|------------|---|
| 1) | 923        | <b><math>9.23 \times 10^2</math></b>      |
| 2) | 0.00425    | <b><math>4.25 \times 10^{-3}</math></b>   |
| 3) | 4523000    | <b><math>4.523 \times 10^6</math></b>     |
| 4) | 0.94300    | <b><math>9.4300 \times 10^{-1}</math></b> |
| 5) | 6750.      | <b><math>6.750 \times 10^3</math></b>     |
| 6) | 92.03      | <b><math>9.203 \times 10^1</math></b>     |
| 7) | 7.80       | <b><math>7.80 \times 10^0</math></b>      |
| 8) | 0.00000032 | <b><math>3.2 \times 10^{-7}</math></b>    |

*Convert the following numbers into standard notation:*

- |     |                        |                  |
|-----|------------------------|------------------|
| 9)  | $3.9240 \times 10^5$   | <b>392400</b>    |
| 10) | $9.2 \times 10^6$      | <b>9200000</b>   |
| 11) | $4.391 \times 10^{-3}$ | <b>0.004391</b>  |
| 12) | $6.825 \times 10^{-4}$ | <b>0.0006825</b> |
| 13) | $4.6978 \times 10^4$   | <b>46978</b>     |
| 14) | $8.36 \times 10^1$     | <b>83.6</b>      |
| 15) | $2.46 \times 10^{-5}$  | <b>0.0000246</b> |
| 16) | $8.8 \times 10^2$      | <b>880</b>       |