

NAME _____

DATE _____

SCIENTIFIC NOTATION: Worksheet 4

Change each standard number to scientific notation.

- 1) 9,120,000,000
- 2) 3,500
- 3) 6,987,000,000,000,000,000
- 4) 44,000,000,000,000

Change each to a standard number.

- 5) 5.8×10^{12}
- 6) 8.13×10^4
- 7) 2.825×10^7
- 8) 2×10^6

Move the decimal point to the left when the exponent is negative.

Change to a standard number.

- 9) 9.4×10^{-3}

Change to scientific notation.

- 10) .000501

KEY

SCIENTIFIC NOTATION: Worksheet 4

Change each standard number to scientific notation.

- | | |
|------------------------------|------------------------|
| 1) 9,120,000,000 | 9.12×10^9 |
| 2) 3,500 | 3.5×10^3 |
| 3) 6,987,000,000,000,000,000 | 6.987×10^{18} |
| 4) 44,000,000,000,000 | 4.4×10^{13} |

Change each to a standard number.

- | | |
|-------------------------|-------------------|
| 5) 5.8×10^{12} | 5,800,000,000,000 |
| 6) 8.13×10^4 | 81,300 |
| 7) 2.825×10^7 | 28,250,000 |
| 8) 2×10^6 | 2,000,000 |

Move the decimal point to the left when the exponent is negative.

Change to a standard number.

- | | |
|-------------------------|-------|
| 9) 9.4×10^{-3} | .0094 |
|-------------------------|-------|

Change to scientific notation.

- | | |
|-------------|-----------------------|
| 10) .000501 | 5.01×10^{-4} |
|-------------|-----------------------|