

NAME _____

DATE _____

SCIENTIFIC NOTATION: Worksheet 2

Change each standard number to scientific notation.

- 1) 4,200,000,000,000
- 2) 58,000
- 3) 57,000,000
- 4) 1,980,000,000,000,000,000

Change each to a standard number.

- 5) 1.8×10^6
- 6) 4.58×10^2
- 7) 1.2×10^4
- 8) 8×10^9

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

Change to a standard number.

- 9) 5.1×10^{-4}

Change to scientific notation.

- 10) .00023

KEY

SCIENTIFIC NOTATION: Worksheet 2

Change each standard number to scientific notation.

- | | |
|------------------------------|-----------------------|
| 1) 4,200,000,000,000 | 4.2×10^{12} |
| 2) 58,000 | 5.8×10^4 |
| 3) 57,000,000 | 5.7×10^7 |
| 4) 1,980,000,000,000,000,000 | 1.98×10^{18} |

Change each to a standard number.

- | | |
|-----------------------|---------------|
| 5) 1.8×10^6 | 1,800,000 |
| 6) 4.58×10^2 | 458 |
| 7) 1.2×10^4 | 12,000 |
| 8) 8×10^9 | 8,000,000,000 |

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

Change to a standard number.

- | | |
|-------------------------|--------|
| 9) 5.1×10^{-4} | .00051 |
|-------------------------|--------|

Change to scientific notation.

- | | |
|------------|----------------------|
| 10) .00023 | 2.3×10^{-4} |
|------------|----------------------|