

Comparing Numbers in Scientific Notation

A-SN 1

Instructions: Use the greater-than, less-than or equal signs to compare these numbers written in Scientific Notation.

1 2.5×10^6 1.8×10^7

2 3×10^5 6×10^{-9}

3 1×10^{15} 1×10^{20}

4 3.5×10^4 3.50×10^4

5 2.2×10^{-31} 6.63×10^{-34}

6 1.0×10^{-5} 1.0×10^5

7 1.0×10^{18} 1.000×10^{18}

8 9.8×10^7 4.1×10^7

9 5×10^{10} 7×10^9

10 7.4×10^{10} 6.022×10^{23}

11 1.25×10^{-6} 1.25×10^{-60}

12 3.2×10^{-25} 9.08×10^{25}

13 3×10^{100} 2×10^{101}

14 5.700×10^8 5.7×10^8

15 4×10^1 4×10^2

16 9.9×10^{-99} 7.7×10^{-77}

Scientific Notation Conversions - Set 1

A-SN 2

Instructions: Convert these numbers written in Scientific Noation into regular form.

1 3.5×10^7

3.5000000.
1 2 3 4 5 6 7

35,000,000

2 1.38×10^5

3 5.52×10^{-4}

4 7.6×10^{-8}

5 6.25×10^{12}

6 9.1×10^6

Instructions: Convert these numbers written in regular form into Scientific Notation.

1 4,20,000,000.

8 7 6 5 4 3 2 1

4.2×10^8

2 270,000

3 0.0000003

4 150,000,000,000

5 11,300,000

6 0.0000000391

Scientific Notation Conversions - Set 2

A-SN 3

Instructions: Convert these numbers written in Scientific Noation into regular form.

1 1.2×10^{-6}
 $0.\underbrace{000001}_.2$
 6 5 4 3 2 1

0.0000012

2 8.523×10^{-4}

3 5.4×10^{10}

4 7.2×10^7

5 3.008×10^5

6 4×10^{-9}

Instructions: Convert these numbers written in regular form into Scientific Notation.

1 0.0000095
 $\underbrace{000009}_.5$
 1 2 3 4 5 6

9.5×10^{-6}

2 0.00000000000055

3 29,100,000,000

4 0.000000061

5 418,300,000

6 0.0000725