

Ordering Numbers in Standard Form - Answers

Easy - Put these in order, from smallest to biggest.

- | | | | |
|---------------------------|-----------------------|-----------------------|--------------------|
| 1) 3.3×10^2 | 4.2×10^3 | 4.5×10^7 | |
| 2) 6.1×10^3 | 3.9×10^7 | 4.7×10^{11} | |
| 3) 6.7×10^1 | 2.7×10^3 | 4.8×10^4 | 3.82×10^5 |
| 4) 5.8×10^{-7} | 5.9×10^{-3} | 4.7×10^2 | |
| 5) 4.57×10^{-8} | 6.54×10^{-3} | 3.4×10^2 | 5.78×10^7 |
| 6) 3.45×10^{-11} | 5.6×10^{-9} | 3.45×10^{-4} | 1.2×10^6 |

Medium - Put these in order, from smallest to biggest.

- | | | | |
|-------------------------|--------------------|--------------------|--------------------|
| 1) 4.5×10^{-4} | 2.9×10^2 | 3.2×10^2 | |
| 2) 2.3×10^6 | 4.51×10^6 | 4.5×10^7 | |
| 3) 3.4×10^{-3} | 2.9×10^4 | 3.7×10^4 | 2.3×10^5 |
| 4) 1.6×10^3 | 1.9×10^3 | 2.7×10^3 | 4.1×10^6 |
| 5) 3.4×10^{-1} | 1.21×10^2 | 3.21×10^2 | 3.8×10^5 |
| 6) 2.43×10^3 | 2.5×10^3 | 1.21×10^4 | 2.12×10^4 |

Hard - Put these in order, from smallest to biggest.

- | | | | |
|-------------------------|------------------------|----------------------|-----------------------|
| 1) 1.92×10^8 | 2.3×10^8 | 3.2×10^8 | |
| 2) 1.2×10^2 | 1.29×10^2 | 1.67×10^2 | 2.34×10^2 |
| 3) 1.7×10^3 | 2×10^3 | 2.34×10^3 | 3.21×10^3 |
| 4) 1.21×10^5 | 1.25×10^5 | 3.23×10^7 | 4.23×10^7 |
| 5) 2.32×10^4 | 4.567×10^4 | 6.7×10^4 | 7.6×10^4 |
| 6) 2.3×10^{-3} | 2.456×10^{-3} | 3.3×10^{-3} | 3.67×10^{-3} |

Challenge - Put these in order, from smallest to biggest.

- | | | | |
|--------------------------|----------------------|-------------------|-------------------|
| 1) 6.1×10^1 | 2.3×10^2 | 2400 | 35000 |
| 2) 453 | 2.12×10^3 | 3.4×10^4 | 6000000 |
| 3) 3.98×10^{-9} | 123 | 34500 | 2.3×10^7 |
| 4) 0.000345 | 2.1×10^{-3} | 2million | 3.4×10^8 |