

Answers:

- Convert each of the following into scientific notation.
 - 7.27×10^2
 - 1.72000×10^5
 - 9.84×10^{-4}
 - 2.000×10^4
 - 1.4 or 1.4×10^0
 - 2.560×10^{33}
- Convert each into decimal form.
 - 15600
 - 0.036
 - 73,690,000
 - 590
 - 0.000059
- Calculate the following. Give the answer in correct scientific notation.
 - 9.434×10^{66}
 - -8.87×10^2
- Calculate the following. Give the answer in correct scientific notation.
 - 7.16×10^{20}
 - 1.1025×10^{130}
- Give the number of significant figures in each of the following.
 - 1.05 g 3
 - 0.0003040 mm 4
 - 29000 ± 10 ft 4
 - 0.90×10^{45} L 2
 - the number of eggs (12) that make up a dozen infinite
- Determine the answer for each of the following. Be sure to use the correct number of significant figures.
 - 45.3
 - 5.04
 - 9.9×10^3
 - 3
- Round each of the following to 3 significant figures.
 - 77.1
 - 0.000234
 - 2.90×10^{21}
 - 6.30×10^6
 - 10.2