Scientific Notation/Significant Figures Worksheet Answers

1. 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

2.560×10^{33}

2. Convert each into decimal form.

15600 ± 100

0.036

73690000 ± 10000

590 ± 10

0.000059

3. Calculate the following. Give the answer in correct scientific notation.

a) 9.434×10^{66} b) $- 8.87 \times 10^2$

4. Calculate the following. Give the answer in correct scientific notation.

a) 7.16×10^{20} b) 1.1025×10^{130}