Algebra II

- -

Write in Scientific Notation.

$$7,342,180,000,000,000,000,000$$

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- -

Significant Digits

How many significant digits does each number have:

75 →

602 →

190 →

5070 →

800,060 →

1,000,000 →

0.073 →

0.0703 →

0.0730 →

10.00080 →

0.060000 →

Rules for Significant Digits

1)

2)

3)

Why do we need significant digits?

Proper form for scientific notation.

$$5.420 \times 10^{7}$$

Exercises:

Write the following in scientific notation.

1) 635,000   2) 0.0000480

Write the following in standard notation.

3) 9.870×10^{8} 4) 1.92×10^{-3}

Assignment:
Pg. 223
1- 24 all
29 - 31 all