



Name _____

Metric Links

Directions: Match each real-world measurement in Column D with its standard form, scientific notation, and power of ten. Write the matching letters in the spaces.

Column A. Standard Form	Column B. Scientific Notation	Column C. Power of Ten
A. 3,600,000	F. 3.6×10^6	K. 10^6
B. 0.0000025	G. 2.5×10^{-6}	L. 10^{-6}
C. 150,000	H. 1.5×10^5	M. 10^5
D. 0.000000008	I. 8×10^{-9}	N. 10^{-9}
E. 42,000,000	J. 4.2×10^7	O. 10^7

Real-World Measurements

1. A city has about 3,600,000 residents.

Standard Form: _____ Scientific Notation: _____ Power of Ten: _____

2. A bacterium is about 0.0000025 meter long.

Standard Form: _____ Scientific Notation: _____ Power of Ten: _____

3. A large stadium holds about 150,000 people during a special event.

Standard Form: _____ Scientific Notation: _____ Power of Ten: _____

4. A tiny virus measures about 0.000000008 meter across.

Standard Form: _____ Scientific Notation: _____ Power of Ten: _____

5. The distance of a long space mission is about 42,000,000 kilometers.

Standard Form: _____ Scientific Notation: _____ Power of Ten: _____