

Algebra 0507
Chapter 8
Intro to WS # 9

Name _____

Scientific Notation

A number in scientific notation is in the form $a \times 10^n$, where $1 \leq a < 10$ and n is an integer.

In English _____

Express each number in scientific notation.

1. 520	2. 4800	3. 0.08
4. 0.005	5. 0.000032	6. 0.0014
7. 250,000,000	8. 0.00075	9. 0.019
10. 5000	11. 100,000	12. 482
13. 0.000006	14. 0.00061	15. 7877

Express the product or quotient in scientific notation and decimal notation.

16. $(1.5 \times 10^3)(5 \times 10^4)$	17. $(3 \times 10^{-5})(8 \times 10^3)$
18. $\frac{7.2 \times 10^6}{6 \times 10^3}$	19. $\frac{5.4 \times 10^5}{9 \times 10^{-4}}$