

M9

## Scientific Notation

**Scientific Notation****Write each number in scientific notation.**

1) 0.000000786

2) 3940

3) 4.7

4) 1260000

5) 0.06

6) 175

**Write each number in standard notation.**

7)  $6.17 \times 10^3$

8)  $7 \times 10^4$

9)  $7.31 \times 10^6$

10)  $5.4 \times 10^{-8}$

11)  $6.7 \times 10^{-3}$

12)  $9.59 \times 10^2$

**Write each number in scientific notation.**

13)  $0.2 \times 10^6$

14)  $30 \times 10^{-8}$

15)  $88.4 \times 10^3$

16)  $28.8 \times 10^{-9}$

**Simplify. Write each answer in scientific notation.**

17)  $(5.4 \times 10^{-1})(7 \times 10^0)$

18)  $(5 \times 10^3)(3.5 \times 10^{-1})$

19)  $(6 \times 10^6)(4 \times 10^{-1})$

20)  $(4.11 \times 10^5)(8.65 \times 10^{-5})$

21)  $(7.68 \times 10^2)(9 \times 10^6)$

22)  $(8.31 \times 10^{-3})(6.6 \times 10^{-6})$