

# 2-6-4 Scientific Notation

- |                                  |                       |                          |
|----------------------------------|-----------------------|--------------------------|
| a) 460,000,000                   | 5,200                 | 3,400,000,000,000        |
| b) 7000                          | 800,000,000           | 10,000,000,000           |
| c) 11,230,000,000                | 54530                 | 6587.4                   |
| d) $8.9 \times 10^{12}$          | $2 \times 10^{15}$    | $1.78 \times 10^{14}$    |
| e) $1 \times 10^{12}$            | $2.4 \times 10^{13}$  | $1.45 \times 10^{17}$    |
| f) $8.431 \times 10^{15}$        | $1 \times 10^{24}$    | $5 \times 10^{12}$       |
| g) 0.000000046                   | 0.0052                | 0.0000000000034          |
| h) 0.007                         | 0.000000018           | 0.0000000001             |
| i) 0.00000001123                 | 0.00005453            | 0.0065874                |
| j) 0.0048                        | 0.000023              | 0.000000045              |
| k) 0.00003                       | 0.0000033             | 0.0000000081             |
| l) $4.3 \times 10^{-8}$          | $2.54 \times 10^{-6}$ | $2.3 \times 10^{-5}$     |
| m) $2.35 \times 10^{-5}$         | $7 \times 10^{-5}$    | $1 \times 10^{-10}$      |
| n) $2.8 \times 10^{-11}$         | $9 \times 10^{-14}$   | $1 \times 10^{-5}$       |
| o) 300,000,000                   | p) $6.23 \times 10^9$ | q) 3.1                   |
| r) $6.21 \times 10^{-3}$         | s) 380,000            | t) $7.35 \times 10^{22}$ |
| u) 5,970,000,000,000,000,000,000 |                       |                          |
| v) 0.000208                      |                       |                          |