



Math worksheet on 'Scientific Notation - Multiplying (Decimal Place) (Level 3)'. Part of a broader unit on 'Scientific Notation - Multiplication and Division - Practice'

Learn online:

[app.mobius.academy/math/units/scientific\\_notation\\_multiplication\\_and\\_division\\_prac](http://app.mobius.academy/math/units/scientific_notation_multiplication_and_division_prac)

**1** Solve the equation by multiplying scientific notation numbers

$$(2 \times 10^3) \times (2 \times 10^5)$$

**a**  $4.0 \times 10^5$

**b**  $1.6 \times 10^6$

**c**  $4.0 \times 10^{10}$

**d**  $1.2 \times 10^{11}$

**e**  $4.0 \times 10^8$

**f**  $1.6 \times 10^{11}$

**2** Solve the equation by multiplying scientific notation numbers

$$(5 \times 10^3) \times (1 \times 10^3)$$

**a**  $5.0 \times 10^5$

**b**  $5.0 \times 10^6$

**c**  $1.5 \times 10^6$

**d**  $1.5 \times 10^8$

**e**  $1.5 \times 10^7$

**f**  $2.0 \times 10^8$

**3** Solve the equation by multiplying scientific notation numbers

$$(2 \times 10^3) \times (1 \times 10^4)$$

**a**  $2.0 \times 10^5$

**b**  $8.0 \times 10^5$

**c**  $6.0 \times 10^5$

**d**  $8.0 \times 10^8$

**e**  $2.0 \times 10^7$

**f**  $6.0 \times 10^4$

**4** Solve the equation by multiplying scientific notation numbers

$$(2 \times 10^5) \times (1 \times 10^3)$$

**a**  $8.0 \times 10^9$

**b**  $6.0 \times 10^9$

**c**  $2.0 \times 10^5$

**d**  $2.0 \times 10^9$

**e**  $2.0 \times 10^8$

**f**  $6.0 \times 10^5$

**5** Solve the equation by multiplying scientific notation numbers

$$(7 \times 10^3) \times (1 \times 10^5)$$

**a**  $2.1 \times 10^7$

**b**  $7.0 \times 10^5$

**c**  $2.8 \times 10^8$

**d**  $2.1 \times 10^8$

**e**  $7.0 \times 10^8$

**f**  $2.8 \times 10^6$

**6** Solve the equation by multiplying scientific notation numbers

$$(1 \times 10^5) \times (4 \times 10^4)$$

**a**  $1.2 \times 10^{10}$

**b**  $4.0 \times 10^9$

**c**  $1.6 \times 10^7$

**d**  $1.6 \times 10^{11}$

**e**  $1.2 \times 10^8$

**f**  $4.0 \times 10^7$

**7** Solve the equation by multiplying scientific notation numbers

$$(1 \times 10^4) \times (2 \times 10^5)$$

**a**  $6.0 \times 10^{10}$

**b**  $2.0 \times 10^8$

**c**  $6.0 \times 10^{11}$

**d**  $8.0 \times 10^{10}$

**e**  $8.0 \times 10^8$

**f**  $2.0 \times 10^9$