

Scientific notation — Multiplying

Name: _____

Date: _____

Multiply. Write each answer in scientific notation.

1

$$(3 \times 10^{-5}) \times (8 \times 10^3) = c \times 10^n$$

c = _____ n = _____

2

$$(6 \times 10^4) \times (2.5 \times 10^2) = c \times 10^n$$

c = _____ n = _____

3

$$(8 \times 10^{-4}) \times (1.5 \times 10^3) = c \times 10^n$$

c = _____ n = _____

4

$$(4 \times 10^3) \times (1.5 \times 10^4) = c \times 10^n$$

c = _____ n = _____

5

$$(3 \times 10^6) \times (2 \times 10^{-3}) = c \times 10^n$$

c = _____ n = _____

6

$$(3 \times 10^6) \times (3 \times 10^{-5}) = c \times 10^n$$

c = _____ n = _____



Scientific notation · Multiplying — Answer key

1. $(3 \times 10^{-5}) \times (8 \times 10^3) =$
 2.4×10^{-1}

2. $(6 \times 10^4) \times (2.5 \times 10^2) =$
 1.5×10^7

3. $(8 \times 10^{-4}) \times (1.5 \times 10^3) =$
 1.2×10^0

4. $(4 \times 10^3) \times (1.5 \times 10^4) = 6$
 $\times 10^7$

5. $(3 \times 10^6) \times (2 \times 10^{-3}) = 6$
 $\times 10^3$

6. $(3 \times 10^6) \times (3 \times 10^{-5}) = 9$
 $\times 10^1$

