

Scientific notation — Dividing

Name: _____

Date: _____

Divide. Write each answer in scientific notation.

1

$$(4.5 \times 10^{-3}) \div (2.5 \times 10^{-2}) = c \times 10^n$$

c = _____ n = _____

2

$$(4.5 \times 10^{-2}) \div (7.5 \times 10^8) = c \times 10^n$$

c = _____ n = _____

3

$$(3 \times 10^4) \div (5 \times 10^2) = c \times 10^n$$

c = _____ n = _____

4

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

c = _____ n = _____

5

$$(7.5 \times 10^{-3}) \div (2.5 \times 10^2) = c \times 10^n$$

c = _____ n = _____

6

$$(4.5 \times 10^{-3}) \div (5 \times 10^{-5}) = c \times 10^n$$

c = _____ n = _____



Scientific notation · Dividing — Answer key

1. $(4.5 \times 10^{-3}) \div (2.5 \times 10^{-2})$
 $= 1.8 \times 10^{-1}$

2. $(4.5 \times 10^{-2}) \div (7.5 \times 10^8)$
 $= 6 \times 10^{-11}$

3. $(3 \times 10^4) \div (5 \times 10^2) = 6 \times 10^1$

4. $(8 \times 10^{-5}) \div (5 \times 10^5) = 1.6 \times 10^{-10}$

5. $(7.5 \times 10^{-3}) \div (2.5 \times 10^2)$
 $= 3 \times 10^{-5}$

6. $(4.5 \times 10^{-3}) \div (5 \times 10^{-5}) = 9 \times 10^1$

