Scientific Notation Practice

Simplify each expression. Express answers in scientific notation.

Name: _____

Date: _____   Score: _____ / _____

1.

$(7 \times 10\blacksquare) \times (9 \times 10\blacksquare^3)$

_____

Answer:

2.

$(8 \times 10\blacksquare) \div (8 \times 10\blacksquare)$

_____

Answer:

3.

$(5 \times 10\blacksquare) \times (8 \times 10\blacksquare)$

_____

Answer:

4.

$(6 \times 10\blacksquare) \div (2 \times 10\blacksquare)$

_____

Answer:

5.

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

_____

Answer:

6.

$(8 \times 10\blacksquare^2) \times (9 \times 10\blacksquare)$

_____

Answer:

7.

$(2 \times 10^3) \times (7 \times 10\blacksquare)$

_____

Answer:

8.

$(4 \times 10\blacksquare) \times (5 \times 10^3)$

_____

Answer:

9.

$(7 \times 10\blacksquare) \times (4 \times 10\blacksquare)$

_____

Answer:

10.

$(9 \times 10^1) \div (1 \times 10\blacksquare^1)$

_____

Answer:

Simplify each expression. Express answers in scientific notation.

Name: _____   Date: _____   Score: _____ / _____

11.

$(7 \times 10■) \div (1 \times 10■^2)$

_____

Answer:

12.

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

_____

Answer:

13.

$(5 \times 10■) \div (1 \times 10■)$

_____

Answer:

14.

$(4 \times 10■^3) \div (2 \times 10■)$

_____

Answer:

15.

$(5 \times 10^2) \div (5 \times 10■^1)$

_____

Answer:

16.

$(2 \times 10■^3) \div (1 \times 10^2)$

_____

Answer:

For teacher use only

Name: _____   Date: _____   Score: _____ / _____

1.

$(7 \times 10■) \times (9 \times 10■^3)$ **= 6.3 × 10³**

2.

$(8 \times 10■) \div (8 \times 10■)$ **= 1 × 10■**

3.

$(5 \times 10■) \times (8 \times 10■)$ **= 4 × 10■**

4.

$(6 \times 10■) \div (2 \times 10■)$ **= 3 × 10■¹**

5.

$(5 \times 10^3) \times (2 \times 10■)$ **= 1 × 10■**

6.

$(8 \times 10■^2) \times (9 \times 10■)$ **= 7.2 × 10³**

7.

$(2 \times 10^3) \times (7 \times 10■)$ **= 1.4 × 10■**

8.

$(4 \times 10■) \times (5 \times 10^3)$ **= 2 × 10■**

9.

$(7 \times 10■) \times (4 \times 10■)$ **= 2.8 × 10¹■**

10.

$(9 \times 10^1) \div (1 \times 10■^1)$ **= 9 × 10²**

For teacher use only

Name: _____   Date: _____   Score: _____ / _____

11.

$(7 \times 10■) \div (1 \times 10■^2)$ **= 7 × 10■**

12.

$(5 \times 10■^3) \times (7 \times 10■)$ **= 3.5 × 10■²**

13.

$(5 \times 10■) \div (1 \times 10■)$ **= 5 × 10■**

14.

$(4 \times 10■^3) \div (2 \times 10■)$ **= 2 × 10■■**

15.

$(5 \times 10^2) \div (5 \times 10■^1)$ **= 1 × 10³**

16.

$(2 \times 10■^3) \div (1 \times 10^2)$ **= 2 × 10■■**