

# Multiplying & Dividing

**S c i e n t i f i c**

**N o t a t i o n**

# Scavenger Hunt

**1**

$$(1.08 \times 10^{-3})(9.3 \times 10^{-3})$$

- A.  $1.004 \times 10^6$  Go to 10
- B.  $1.004 \times 10^5$  Go to 6
- C.  $10.04 \times 10^6$  Go to 12
- D.  $10.04 \times 10^5$  Go to 3
- E.  $100.4 \times 10^4$  Go to 1

**10**

$$(4 \times 10^4) \div (3.63 \times 10^{-4})$$

- A.  $7.63 \times 10^0$  Go to 1
- B.  $11.02 \times 10^8$  Go to 8
- C.  $11.02 \times 10^9$  Go to 4
- D.  $1.102 \times 10^8$  Go to 5
- E.  $1.102 \times 10^0$  Go to 12

Mat

**I**

$$(1.08 \times 10^{-3})(9.3 \times 10^{-3})$$

- A.  $1.0044 \times 10^{-6}$       Go to 10
- B.  $1.0044 \times 10^{-5}$       Go to 6
- C.  $10.044 \times 10^{-6}$       Go to 12
- D.  $10.044 \times 10^{-5}$       Go to 3
- E.  $100.44 \times 10^{-4}$       Go to 1

2

$$(7.1 \times 10^6) \div (8.2 \times 10^1)$$

- A.  $58.22 \times 10^5$       Go to 3
- B.  $58.22 \times 10^7$       Go to 11
- C.  $8.658 \times 10^5$       Go to 5
- D.  $8.658 \times 10^4$       Go to 7
- E.  $86.58 \times 10^5$       Go to 8

3

$$(3.5 \times 10^{-2})(9 \times 10^4)$$

- A.  $3.15 \times 10^3$       Go to 5
- B.  $3.15 \times 10^4$       Go to 12
- C.  $31.5 \times 10^5$       Go to 1
- D.  $31.5 \times 10^4$       Go to 7
- E.  $315 \times 10^3$       Go to 9

**H**

$$(1.91 \times 10^3) \div (5 \times 10^{-4})$$

- A.  $0.382 \times 10^7$     Go to 4
- B.  $3.82 \times 10^{-7}$     Go to 1
- C.  $3.82 \times 10^7$     Go to 9
- D.  $3.82 \times 10^6$     Go to 11
- E.  $3.82 \times 10^{-1}$     Go to 12

5

$$(6 \times 10^3)(9.91 \times 10^0)$$

- A.  $59.46 \times 10^3$       Go to 8
- B.  $5.946 \times 10^4$       Go to 10
- C.  $5.946 \times 10^3$       Go to 3
- D.  $6 \times 10^3$             Go to 7
- E.  $59.46 \times 10^4$       Go to 12

6

$$(7.1 \times 10^{-5})(6.7 \times 10^{-6})$$

- A.  $47.57 \times 10^1$     Go to 3
- B.  $47.57 \times 10^{-11}$     Go to 7
- C.  $47.57 \times 10^{-10}$     Go to 2
- D.  $4.757 \times 10^{-11}$     Go to 1
- E.  $4.757 \times 10^{-10}$     Go to 9

7

$$(9 \times 10^{-5}) \div (9.24 \times 10^{-6})$$

- A.  $9.74 \times 10^{-11}$     Go to 3
- B.  $9.74 \times 10^1$     Go to 11
- C.  $9.74 \times 10^0$     Go to 12
- D.  $0.974 \times 10^{-11}$     Go to 9
- E.  $0.974 \times 10^1$     Go to 8



8

$$(3.59 \times 10^{-2}) \div (2.22 \times 10^1)$$

- A.  $1.617 \times 10^{-3}$       Go to 3
- B.  $1.617 \times 10^{-1}$       Go to 2
- C.  $16.17 \times 10^{-2}$       Go to 10
- D.  $16.17 \times 10^{-4}$       Go to 7
- E.  $1.37 \times 10^{-3}$       Go to 1

9

$$(3.48 \times 10^3)(9.8 \times 10^4)$$

- A.  $3.4104 \times 10^7$       Go to 9
- B.  $3.4104 \times 10^1$       Go to 2
- C.  $3.4104 \times 10^8$       Go to 4
- D.  $0.34104 \times 10^7$       Go to 1
- E.  $0.34104 \times 10^8$       Go to 3

10

$$(4 \times 10^4) \div (3.63 \times 10^{-4})$$

- A.  $7.63 \times 10^0$       Go to 5
- B.  $11.02 \times 10^8$       Go to 8
- C.  $11.02 \times 10^9$       Go to 4
- D.  $1.102 \times 10^8$       Go to 1
- E.  $1.102 \times 10^0$       Go to 12

**1**

$$(8.8 \times 10^2)(2.25 \times 10^{-2})$$

- A.  $1.98 \times 10^1$       Go to 2
- B.  $1.98 \times 10^0$       Go to 7
- C.  $1.98 \times 10^4$       Go to 9
- D.  $0.198 \times 10^0$       Go to 6
- E.  $0.198 \times 10^1$       Go to 4

**1** **2**

$$(1.18 \times 10^{-4}) \div (3 \times 10^0)$$

- A.  $3.933 \times 10^4$     Go to 1
- B.  $39.33 \times 10^{-5}$     Go to 10
- C.  $39.33 \times 10^{-4}$     Go to 9
- D.  $3.933 \times 10^{-5}$     Go to 8
- E.  $3.933 \times 10^{-4}$     Go to 5

# Multiplying & Dividing

**S****c****i****e****n****t****i****f****i****c** **N****o****t****a****t****i****o****n**

Scavenger Hunt

A large rectangular frame containing a 4x3 grid of empty circles. The circles are arranged in four rows and three columns, with a small gap between the circles and the bottom and right edges of the frame. This grid is intended for students to write down the terms they find during their scavenger hunt.