

## Expanded to Standard Form With Decimals (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form decimal number to standard form.

- $(8 \times 10^0) + (7 \times 10^{-1}) + (5 \times 10^{-2}) + (4 \times 10^{-4}) + (2 \times 10^{-5}) + (7 \times 10^{-6}) + (8 \times 10^{-7}) + (6 \times 10^{-8}) + (8 \times 10^{-9})$
- $(9 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (6 \times 10^{-4}) + (7 \times 10^{-5}) + (1 \times 10^{-6}) + (2 \times 10^{-7}) + (6 \times 10^{-8}) + (1 \times 10^{-9})$
- $(4 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (1 \times 10^{-4}) + (2 \times 10^{-5}) + (3 \times 10^{-6}) + (2 \times 10^{-7}) + (5 \times 10^{-8}) + (2 \times 10^{-9})$
- $(6 \times 10^0) + (5 \times 10^{-1}) + (9 \times 10^{-2}) + (6 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5}) + (6 \times 10^{-6}) + (5 \times 10^{-7}) + (2 \times 10^{-8}) + (6 \times 10^{-9})$
- $(9 \times 10^0) + (7 \times 10^{-1}) + (6 \times 10^{-2}) + (4 \times 10^{-3}) + (5 \times 10^{-4}) + (8 \times 10^{-5}) + (4 \times 10^{-6}) + (1 \times 10^{-8}) + (1 \times 10^{-9})$
- $(8 \times 10^0) + (3 \times 10^{-1}) + (8 \times 10^{-2}) + (1 \times 10^{-3}) + (4 \times 10^{-4}) + (2 \times 10^{-5}) + (1 \times 10^{-6}) + (7 \times 10^{-7}) + (8 \times 10^{-8}) + (8 \times 10^{-9})$
- $(9 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (7 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-6}) + (5 \times 10^{-7}) + (3 \times 10^{-8}) + (5 \times 10^{-9})$
- $(2 \times 10^0) + (3 \times 10^{-1}) + (3 \times 10^{-2}) + (1 \times 10^{-3}) + (9 \times 10^{-4}) + (7 \times 10^{-5}) + (5 \times 10^{-6}) + (5 \times 10^{-7}) + (6 \times 10^{-8}) + (1 \times 10^{-9})$
- $(6 \times 10^0) + (7 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-4}) + (9 \times 10^{-5}) + (4 \times 10^{-6}) + (6 \times 10^{-7}) + (5 \times 10^{-8}) + (7 \times 10^{-9})$
- $(8 \times 10^0) + (9 \times 10^{-2}) + (4 \times 10^{-3}) + (7 \times 10^{-4}) + (7 \times 10^{-5}) + (8 \times 10^{-6}) + (3 \times 10^{-7}) + (3 \times 10^{-8}) + (3 \times 10^{-9})$

## Expanded to Standard Form With Decimals (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded exponential form decimal number to standard form.

1.  $(8 \times 10^0) + (7 \times 10^{-1}) + (5 \times 10^{-2}) + (4 \times 10^{-4}) + (2 \times 10^{-5}) + (7 \times 10^{-6}) + (8 \times 10^{-7}) + (6 \times 10^{-8}) + (8 \times 10^{-9})$

**8.750427868**

2.  $(9 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (6 \times 10^{-4}) + (7 \times 10^{-5}) + (1 \times 10^{-6}) + (2 \times 10^{-7}) + (6 \times 10^{-8}) + (1 \times 10^{-9})$

**9.888671261**

3.  $(4 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (1 \times 10^{-4}) + (2 \times 10^{-5}) + (3 \times 10^{-6}) + (2 \times 10^{-7}) + (5 \times 10^{-8}) + (2 \times 10^{-9})$

**4.188123252**

4.  $(6 \times 10^0) + (5 \times 10^{-1}) + (9 \times 10^{-2}) + (6 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5}) + (6 \times 10^{-6}) + (5 \times 10^{-7}) + (2 \times 10^{-8}) + (6 \times 10^{-9})$

**6.596986526**

5.  $(9 \times 10^0) + (7 \times 10^{-1}) + (6 \times 10^{-2}) + (4 \times 10^{-3}) + (5 \times 10^{-4}) + (8 \times 10^{-5}) + (4 \times 10^{-6}) + (1 \times 10^{-8}) + (1 \times 10^{-9})$

**9.764584011**

6.  $(8 \times 10^0) + (3 \times 10^{-1}) + (8 \times 10^{-2}) + (1 \times 10^{-3}) + (4 \times 10^{-4}) + (2 \times 10^{-5}) + (1 \times 10^{-6}) + (7 \times 10^{-7}) + (8 \times 10^{-8}) + (8 \times 10^{-9})$

**8.381421788**

7.  $(9 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (7 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-6}) + (5 \times 10^{-7}) + (3 \times 10^{-8}) + (5 \times 10^{-9})$

**9.787405535**

8.  $(2 \times 10^0) + (3 \times 10^{-1}) + (3 \times 10^{-2}) + (1 \times 10^{-3}) + (9 \times 10^{-4}) + (7 \times 10^{-5}) + (5 \times 10^{-6}) + (5 \times 10^{-7}) + (6 \times 10^{-8}) + (1 \times 10^{-9})$

**2.331975561**

9.  $(6 \times 10^0) + (7 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-4}) + (9 \times 10^{-5}) + (4 \times 10^{-6}) + (6 \times 10^{-7}) + (5 \times 10^{-8}) + (7 \times 10^{-9})$

**6.770994657**

10.  $(8 \times 10^0) + (9 \times 10^{-2}) + (4 \times 10^{-3}) + (7 \times 10^{-4}) + (7 \times 10^{-5}) + (8 \times 10^{-6}) + (3 \times 10^{-7}) + (3 \times 10^{-8}) + (3 \times 10^{-9})$

**8.094778333**