

## Expanded to Standard Form With Decimals (G)

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

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

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

Convert each expanded exponential form decimal number to standard form.

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

**6.814901352**

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

**2.733579216**

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

**1.636517144**

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

**7.187686233**

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

**6.127178753**

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

**5.675996055**

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

**1.269665293**

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

**7.408466755**

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

**5.690053482**

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

**4.173486576**