

## Expanded to Standard Form With Decimals (G)

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

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

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

Convert each expanded exponential form decimal number to standard form.

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

**9.25562087**

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

**8.42416395**

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

**8.79664531**

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

**2.86752566**

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

**1.39761568**

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

**2.30251155**

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

**4.39159942**

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

**9.98173069**

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

**8.85201402**

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

**7.41812151**