

## Expanded to Standard Form With Decimals (B)

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

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

Convert each expanded factors form decimal number to standard form.

- $(7 \times 1) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$
- $(4 \times 1) + (2 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (3 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (6 \times \frac{1}{1,000,000,000})$
- $(8 \times 1) + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$
- $(9 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (2 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$
- $(5 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (4 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000}) + (4 \times \frac{1}{1,000,000,000})$
- $(6 \times 1) + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (4 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (3 \times \frac{1}{1,000,000,000})$
- $(5 \times 1) + (4 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (5 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$
- $(6 \times 1) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$
- $(9 \times 1) + (7 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (5 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$
- $(3 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (3 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(7 \times 1) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$

**7.412847688**

2.  $(4 \times 1) + (2 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (3 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (6 \times \frac{1}{1,000,000,000})$

**4.267490376**

3.  $(8 \times 1) + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$

**8.779725867**

4.  $(9 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (2 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$

**9.633460218**

5.  $(5 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (4 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000}) + (4 \times \frac{1}{1,000,000,000})$

**5.312440454**

6.  $(6 \times 1) + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (4 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{100,000,000}) + (3 \times \frac{1}{1,000,000,000})$

**6.892240413**

7.  $(5 \times 1) + (4 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (5 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$

**5.472707581**

8.  $(6 \times 1) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$

**6.913495481**

9.  $(9 \times 1) + (7 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (5 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$

**9.740522475**

10.  $(3 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (3 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$

**3.685572937**