

# Expanded to Standard Form With Decimals (F)

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

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

Convert each expanded factors form decimal number to standard form.

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

# Expanded to Standard Form With Decimals (F) Answers

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

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

Convert each expanded factors form decimal number to standard form.

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

**6.908403997**

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

**5.003268243**

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

**3.596060582**

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

**9.767965077**

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

**5.747167048**

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

**5.436175573**

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

**7.118351253**

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

**8.132630242**

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

**9.976903837**

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

**6.766904497**