

## Expanded to Standard Form With Decimals (E)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

# Expanded to Standard Form With Decimals (E) Answers

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

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

Convert each expanded factors form decimal number to standard form.

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

**1.82273033**

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

**3.92510096**

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

**8.62346213**

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

**6.55492114**

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

**9.42199672**

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

**8.48644034**

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

**1.16920486**

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

**4.21103758**

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

**3.37020257**

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

**1.73483549**