

## Expanded to Standard Form With Decimals (A)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(2 \times 1) + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**2.191969**

2.  $(5 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**5.301342**

3.  $(8 \times 1) + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**8.398966**

4.  $(9 \times 1) + (7 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**9.730365**

5.  $(6 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**6.438664**

6.  $(2 \times 1) + (6 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**2.695871**

7.  $(1 \times 1) + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{1,000,000})$   
**1.357702**

8.  $(5 \times 1) + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (6 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**5.392064**

9.  $(6 \times 1) + (5 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**6.516416**

10.  $(3 \times 1) + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (1 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**3.361013**

## Expanded to Standard Form With Decimals (B)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(3 \times 1) + (4 \times \frac{1}{10}) + (2 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**3.402876**

2.  $(8 \times 1) + (9 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (1 \times \frac{1}{1,000,000})$   
**8.939201**

3.  $(7 \times 1) + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (1 \times \frac{1}{1,000,000})$   
**7.366201**

4.  $(3 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**3.548479**

5.  $(2 \times 1) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (5 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**2.910586**

6.  $(4 \times 1) + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**4.897715**

7.  $(2 \times 1) + (6 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**2.650146**

8.  $(5 \times 1) + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**5.780542**

9.  $(3 \times 1) + (6 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**3.656826**

10.  $(9 \times 1) + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (2 \times \frac{1}{1,000,000})$   
**9.183102**

## Expanded to Standard Form With Decimals (C)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(4 \times 1) + (5 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**4.563075**

2.  $(2 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**2.459294**

3.  $(8 \times 1) + (6 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**8.601459**

4.  $(6 \times 1) + (4 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{1,000,000})$   
**6.004308**

5.  $(9 \times 1) + (1 \times \frac{1}{10}) + (5 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**9.105461**

6.  $(9 \times 1) + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**9.122811**

7.  $(1 \times 1) + (6 \times \frac{1}{10}) + (7 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**1.607831**

8.  $(8 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**8.687615**

9.  $(4 \times 1) + (5 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (6 \times \frac{1}{1,000,000})$   
**4.536906**

10.  $(8 \times 1) + (2 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**8.201536**

## Expanded to Standard Form With Decimals (D)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(7 \times 1) + (8 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**7.817756**

2.  $(5 \times 1) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{1,000,000})$   
**5.013707**

3.  $(2 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (7 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**2.310715**

4.  $(4 \times 1) + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (8 \times \frac{1}{1,000,000})$   
**4.182808**

5.  $(2 \times 1) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**2.077557**

6.  $(2 \times 1) + (9 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**2.927538**

7.  $(7 \times 1) + (9 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**7.936252**

8.  $(6 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**6.458943**

9.  $(2 \times 1) + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**2.993799**

10.  $(3 \times 1) + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**3.750656**



## Expanded to Standard Form With Decimals (E)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(4 \times 1) + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**4.674816**

2.  $(6 \times 1) + (7 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**6.746293**

3.  $(9 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**9.851229**

4.  $(2 \times 1) + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (3 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**2.676035**

5.  $(9 \times 1) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**9.058783**

6.  $(3 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**3.631267**

7.  $(6 \times 1) + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**6.493297**

8.  $(9 \times 1) + (9 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**9.923157**

9.  $(5 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**5.684877**

10.  $(8 \times 1) + (3 \times \frac{1}{10}) + (8 \times \frac{1}{1000}) + (5 \times \frac{1}{1,000,000})$   
**8.308005**

## Expanded to Standard Form With Decimals (F)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(9 \times 1) + (7 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (8 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**9.730822**

2.  $(8 \times 1) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**8.053355**

3.  $(2 \times 1) + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**2.584717**

4.  $(5 \times 1) + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**5.586885**

5.  $(5 \times 1) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (2 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**5.019025**

6.  $(1 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**1.541179**

7.  $(5 \times 1) + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**5.334224**

8.  $(1 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**1.576637**

9.  $(9 \times 1) + (5 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**9.510773**

10.  $(6 \times 1) + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**6.128321**

## Expanded to Standard Form With Decimals (G)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(2 \times 1) + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**2.397625**

2.  $(4 \times 1) + (8 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**4.820212**

3.  $(6 \times 1) + (1 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**6.169128**

4.  $(7 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**7.852994**

5.  $(1 \times 1) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**1.092398**

6.  $(6 \times 1) + (8 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**6.088645**

7.  $(3 \times 1) + (8 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**3.801958**

8.  $(1 \times 1) + (7 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (1 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**1.790165**

9.  $(7 \times 1) + (1 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**7.016761**

10.  $(5 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**5.684915**

## Expanded to Standard Form With Decimals (H)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(9 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**9.253514**

2.  $(3 \times 1) + (4 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**3.423486**

3.  $(3 \times 1) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**3.763359**

4.  $(7 \times 1) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**7.068386**

5.  $(3 \times 1) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (1 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**3.028016**

6.  $(4 \times 1) + (9 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**4.979611**

7.  $(6 \times 1) + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**6.784386**

8.  $(3 \times 1) + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**3.363912**

9.  $(8 \times 1) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (1 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**8.410174**

10.  $(4 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**4.577144**



## Expanded to Standard Form With Decimals (I)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(3 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (2 \times \frac{1}{1,000,000})$   
**3.578302**

2.  $(4 \times 1) + (8 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (5 \times \frac{1}{1,000,000})$   
**4.884105**

3.  $(6 \times 1) + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**6.846736**

4.  $(1 \times 1) + (8 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (8 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$   
**1.894081**

5.  $(2 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**2.572328**

6.  $(5 \times 1) + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**5.336468**

7.  $(8 \times 1) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$   
**8.919978**

8.  $(2 \times 1) + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**2.195889**

9.  $(8 \times 1) + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**8.582496**

10.  $(7 \times 1) + (3 \times \frac{1}{10}) + (3 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**7.300032**

## Expanded to Standard Form With Decimals (J)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(7 \times 1) + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000})$   
**7.588467**

2.  $(6 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$   
**6.576694**

3.  $(5 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**5.431753**

4.  $(2 \times 1) + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$   
**2.360732**

5.  $(2 \times 1) + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$   
**2.523465**

6.  $(3 \times 1) + (5 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (1 \times \frac{1}{1,000,000})$   
**3.516201**

7.  $(6 \times 1) + (9 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$   
**6.099326**

8.  $(7 \times 1) + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**7.958323**

9.  $(4 \times 1) + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$   
**4.248313**

10.  $(3 \times 1) + (7 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$   
**3.718549**