

## Expanded to Standard Form With Decimals (A)

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

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

Convert each expanded form decimal number to standard form.

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

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

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

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

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

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

7.  $1 + \frac{6}{10} + \frac{5}{100} + \frac{5}{10,000} + \frac{2}{100,000} + \frac{6}{10,000,000} + \frac{2}{100,000,000} + \frac{8}{1,000,000,000}$

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

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

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

# Expanded to Standard Form With Decimals (A) Answers

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

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

Convert each expanded form decimal number to standard form.

1.  $7 + \frac{5}{10} + \frac{3}{100} + \frac{7}{1000} + \frac{3}{10,000} + \frac{6}{1,000,000} + \frac{4}{10,000,000} + \frac{6}{100,000,000} + \frac{5}{1,000,000,000}$   
**7.537306465**

2.  $1 + \frac{4}{10} + \frac{7}{100} + \frac{8}{1000} + \frac{9}{10,000} + \frac{8}{100,000} + \frac{6}{10,000,000} + \frac{8}{100,000,000} + \frac{2}{1,000,000,000}$   
**1.478980682**

3.  $9 + \frac{4}{10} + \frac{9}{100} + \frac{3}{1000} + \frac{2}{10,000} + \frac{8}{100,000} + \frac{2}{1,000,000} + \frac{1}{10,000,000} + \frac{3}{100,000,000} + \frac{4}{1,000,000,000}$   
**9.493282134**

4.  $1 + \frac{5}{10} + \frac{1}{100} + \frac{6}{1000} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{9}{1,000,000} + \frac{4}{10,000,000} + \frac{4}{100,000,000} + \frac{5}{1,000,000,000}$   
**1.516169445**

5.  $1 + \frac{1}{10} + \frac{6}{100} + \frac{7}{10,000} + \frac{5}{100,000} + \frac{1}{1,000,000} + \frac{1}{10,000,000} + \frac{5}{100,000,000} + \frac{4}{1,000,000,000}$   
**1.160751154**

6.  $2 + \frac{5}{10} + \frac{3}{1000} + \frac{4}{100,000} + \frac{1}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{1,000,000,000}$   
**2.503041601**

7.  $1 + \frac{6}{10} + \frac{5}{100} + \frac{5}{10,000} + \frac{2}{100,000} + \frac{6}{10,000,000} + \frac{2}{100,000,000} + \frac{8}{1,000,000,000}$   
**1.650520628**

8.  $1 + \frac{9}{10} + \frac{5}{100} + \frac{8}{1000} + \frac{4}{10,000} + \frac{5}{100,000} + \frac{1}{1,000,000} + \frac{5}{10,000,000} + \frac{6}{100,000,000} + \frac{7}{1,000,000,000}$   
**1.958451567**

9.  $9 + \frac{9}{10} + \frac{1}{100} + \frac{5}{1000} + \frac{2}{10,000} + \frac{4}{1,000,000} + \frac{2}{10,000,000} + \frac{6}{100,000,000} + \frac{9}{1,000,000,000}$   
**9.915204269**

10.  $7 + \frac{8}{10} + \frac{9}{100} + \frac{6}{1000} + \frac{4}{10,000} + \frac{2}{100,000} + \frac{3}{1,000,000} + \frac{5}{10,000,000} + \frac{8}{100,000,000} + \frac{7}{1,000,000,000}$   
**7.896423587**

## Expanded to Standard Form With Decimals (B)

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

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

Convert each expanded form decimal number to standard form.

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

2.  $9 + \frac{8}{10} + \frac{7}{100} + \frac{4}{1000} + \frac{5}{10,000} + \frac{4}{100,000} + \frac{6}{1,000,000} + \frac{6}{10,000,000} + \frac{7}{100,000,000} + \frac{6}{1,000,000,000}$

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

4.  $3 + \frac{8}{100} + \frac{5}{1000} + \frac{5}{10,000} + \frac{8}{100,000} + \frac{2}{1,000,000} + \frac{1}{10,000,000} + \frac{5}{100,000,000} + \frac{9}{1,000,000,000}$

5.  $1 + \frac{6}{10} + \frac{4}{100} + \frac{9}{1000} + \frac{4}{10,000} + \frac{2}{100,000} + \frac{3}{1,000,000} + \frac{5}{100,000,000} + \frac{3}{1,000,000,000}$

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

7.  $7 + \frac{2}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{7}{10,000} + \frac{1}{100,000} + \frac{9}{1,000,000} + \frac{7}{10,000,000} + \frac{5}{100,000,000} + \frac{4}{1,000,000,000}$

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

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

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $4 + \frac{8}{10} + \frac{4}{100} + \frac{6}{10,000} + \frac{1}{100,000} + \frac{7}{1,000,000} + \frac{6}{10,000,000} + \frac{7}{1,000,000,000}$   
**4.840617607**

2.  $9 + \frac{8}{10} + \frac{7}{100} + \frac{4}{1000} + \frac{5}{10,000} + \frac{4}{100,000} + \frac{6}{1,000,000} + \frac{6}{10,000,000} + \frac{7}{100,000,000} + \frac{6}{1,000,000,000}$   
**9.874546676**

3.  $8 + \frac{3}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{7}{1,000,000} + \frac{5}{10,000,000} + \frac{9}{100,000,000} + \frac{1}{1,000,000,000}$   
**8.373117591**

4.  $3 + \frac{8}{100} + \frac{5}{1000} + \frac{5}{10,000} + \frac{8}{100,000} + \frac{2}{1,000,000} + \frac{1}{10,000,000} + \frac{5}{100,000,000} + \frac{9}{1,000,000,000}$   
**3.085582159**

5.  $1 + \frac{6}{10} + \frac{4}{100} + \frac{9}{1000} + \frac{4}{10,000} + \frac{2}{100,000} + \frac{3}{1,000,000} + \frac{5}{100,000,000} + \frac{3}{1,000,000,000}$   
**1.649423053**

6.  $4 + \frac{7}{10} + \frac{2}{100} + \frac{2}{1000} + \frac{7}{10,000} + \frac{2}{100,000} + \frac{7}{1,000,000} + \frac{7}{10,000,000} + \frac{2}{100,000,000} + \frac{8}{1,000,000,000}$   
**4.722727728**

7.  $7 + \frac{2}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{7}{10,000} + \frac{1}{100,000} + \frac{9}{1,000,000} + \frac{7}{10,000,000} + \frac{5}{100,000,000} + \frac{4}{1,000,000,000}$   
**7.273719754**

8.  $7 + \frac{7}{10} + \frac{6}{100} + \frac{3}{1000} + \frac{2}{10,000} + \frac{8}{100,000} + \frac{7}{1,000,000} + \frac{4}{10,000,000} + \frac{3}{100,000,000} + \frac{4}{1,000,000,000}$   
**7.763287434**

9.  $1 + \frac{7}{10} + \frac{7}{100} + \frac{6}{1000} + \frac{7}{10,000} + \frac{4}{100,000} + \frac{8}{1,000,000} + \frac{6}{10,000,000} + \frac{5}{100,000,000} + \frac{6}{1,000,000,000}$   
**1.776748656**

10.  $3 + \frac{8}{10} + \frac{4}{100} + \frac{3}{1000} + \frac{8}{10,000} + \frac{4}{100,000} + \frac{1}{1,000,000} + \frac{9}{10,000,000} + \frac{8}{100,000,000} + \frac{3}{1,000,000,000}$   
**3.843841983**

## Expanded to Standard Form With Decimals (C)

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

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

Convert each expanded form decimal number to standard form.

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

2.  $9 + \frac{5}{10} + \frac{8}{100} + \frac{9}{1000} + \frac{3}{10,000} + \frac{9}{1,000,000} + \frac{4}{10,000,000} + \frac{3}{100,000,000} + \frac{2}{1,000,000,000}$

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

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

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

6.  $5 + \frac{2}{10} + \frac{9}{100} + \frac{7}{10,000} + \frac{1}{100,000} + \frac{1}{1,000,000} + \frac{6}{10,000,000} + \frac{2}{100,000,000} + \frac{6}{1,000,000,000}$

7.  $9 + \frac{1}{10} + \frac{2}{100} + \frac{2}{1000} + \frac{2}{10,000} + \frac{9}{10,000,000} + \frac{8}{100,000,000} + \frac{8}{1,000,000,000}$

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

9.  $7 + \frac{5}{10} + \frac{3}{100} + \frac{4}{1000} + \frac{2}{10,000} + \frac{5}{100,000} + \frac{8}{1,000,000} + \frac{5}{10,000,000} + \frac{3}{100,000,000} + \frac{8}{1,000,000,000}$

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $2 + \frac{6}{10} + \frac{3}{100} + \frac{3}{10,000} + \frac{5}{100,000} + \frac{1}{10,000,000} + \frac{6}{1,000,000,000}$   
**2.630350106**

2.  $9 + \frac{5}{10} + \frac{8}{100} + \frac{9}{1000} + \frac{3}{10,000} + \frac{9}{1,000,000} + \frac{4}{10,000,000} + \frac{3}{100,000,000} + \frac{2}{1,000,000,000}$   
**9.589309432**

3.  $8 + \frac{2}{10} + \frac{2}{100} + \frac{8}{1000} + \frac{2}{10,000} + \frac{1}{100,000} + \frac{3}{1,000,000} + \frac{9}{10,000,000} + \frac{6}{1,000,000,000}$   
**8.228213906**

4.  $9 + \frac{4}{10} + \frac{2}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{3}{100,000} + \frac{3}{1,000,000} + \frac{2}{10,000,000} + \frac{3}{1,000,000,000}$   
**9.429233203**

5.  $3 + \frac{5}{10} + \frac{6}{100} + \frac{3}{1000} + \frac{3}{100,000} + \frac{3}{1,000,000} + \frac{7}{100,000,000} + \frac{2}{1,000,000,000}$   
**3.563033072**

6.  $5 + \frac{2}{10} + \frac{9}{100} + \frac{7}{10,000} + \frac{1}{100,000} + \frac{1}{1,000,000} + \frac{6}{10,000,000} + \frac{2}{100,000,000} + \frac{6}{1,000,000,000}$   
**5.290711626**

7.  $9 + \frac{1}{10} + \frac{2}{100} + \frac{2}{1000} + \frac{2}{10,000} + \frac{9}{10,000,000} + \frac{8}{100,000,000} + \frac{8}{1,000,000,000}$   
**9.122200988**

8.  $1 + \frac{5}{10} + \frac{5}{100} + \frac{8}{10,000} + \frac{1}{100,000} + \frac{9}{1,000,000} + \frac{6}{10,000,000} + \frac{8}{100,000,000} + \frac{2}{1,000,000,000}$   
**1.550819682**

9.  $7 + \frac{5}{10} + \frac{3}{100} + \frac{4}{1000} + \frac{2}{10,000} + \frac{5}{100,000} + \frac{8}{1,000,000} + \frac{5}{10,000,000} + \frac{3}{100,000,000} + \frac{8}{1,000,000,000}$   
**7.534258538**

10.  $3 + \frac{4}{10} + \frac{5}{100} + \frac{5}{1000} + \frac{5}{100,000} + \frac{1}{1,000,000} + \frac{2}{10,000,000} + \frac{3}{100,000,000} + \frac{4}{1,000,000,000}$   
**3.455051234**

## Expanded to Standard Form With Decimals (D)

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

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

Convert each expanded form decimal number to standard form.

1.  $1 + \frac{2}{10} + \frac{1}{100} + \frac{4}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{2}{10,000,000} + \frac{9}{100,000,000} + \frac{4}{1,000,000,000}$

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

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

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

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

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

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

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

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

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $1 + \frac{2}{10} + \frac{1}{100} + \frac{4}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{2}{10,000,000} + \frac{9}{100,000,000} + \frac{4}{1,000,000,000}$   
**1.210442294**

2.  $2 + \frac{3}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{6}{10,000} + \frac{1}{100,000} + \frac{6}{100,000,000} + \frac{8}{1,000,000,000}$   
**2.335610068**

3.  $8 + \frac{6}{10} + \frac{2}{100} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{100,000,000} + \frac{3}{1,000,000,000}$   
**8.623113613**

4.  $5 + \frac{4}{10} + \frac{5}{1000} + \frac{8}{10,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{3}{100,000,000} + \frac{1}{1,000,000,000}$   
**5.405803631**

5.  $1 + \frac{6}{10} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{2}{1,000,000} + \frac{7}{10,000,000} + \frac{7}{100,000,000} + \frac{7}{1,000,000,000}$   
**1.603112777**

6.  $1 + \frac{7}{10} + \frac{1}{100} + \frac{3}{10,000} + \frac{7}{100,000} + \frac{1}{1,000,000} + \frac{5}{10,000,000} + \frac{3}{100,000,000} + \frac{1}{1,000,000,000}$   
**1.710371531**

7.  $8 + \frac{6}{10} + \frac{7}{100} + \frac{1}{1000} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{8}{1,000,000} + \frac{6}{10,000,000} + \frac{1}{100,000,000} + \frac{7}{1,000,000,000}$   
**8.671168617**

8.  $3 + \frac{9}{10} + \frac{3}{1000} + \frac{2}{100,000} + \frac{7}{1,000,000} + \frac{9}{10,000,000} + \frac{5}{100,000,000} + \frac{7}{1,000,000,000}$   
**3.903027957**

9.  $1 + \frac{9}{10} + \frac{5}{100} + \frac{4}{1000} + \frac{8}{10,000} + \frac{9}{100,000} + \frac{1}{1,000,000} + \frac{4}{10,000,000} + \frac{7}{100,000,000} + \frac{9}{1,000,000,000}$   
**1.954891479**

10.  $9 + \frac{8}{10} + \frac{4}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{6}{100,000} + \frac{2}{10,000,000} + \frac{8}{100,000,000} + \frac{6}{1,000,000,000}$   
**9.849260286**



## Expanded to Standard Form With Decimals (E)

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

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

Convert each expanded form decimal number to standard form.

1.  $5 + \frac{9}{10} + \frac{2}{100} + \frac{7}{1000} + \frac{4}{10,000} + \frac{3}{100,000} + \frac{8}{1,000,000} + \frac{3}{10,000,000} + \frac{2}{100,000,000} + \frac{9}{1,000,000,000}$

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

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

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

5.  $6 + \frac{1}{10} + \frac{8}{100} + \frac{5}{1000} + \frac{9}{10,000} + \frac{2}{100,000} + \frac{6}{1,000,000} + \frac{8}{10,000,000} + \frac{4}{100,000,000} + \frac{8}{1,000,000,000}$

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

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

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

9.  $3 + \frac{8}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{5}{100,000} + \frac{9}{1,000,000} + \frac{4}{10,000,000} + \frac{1}{100,000,000} + \frac{1}{1,000,000,000}$

10.  $8 + \frac{5}{10} + \frac{7}{100} + \frac{3}{10,000} + \frac{4}{100,000} + \frac{3}{1,000,000} + \frac{4}{1,000,000,000}$

# Expanded to Standard Form With Decimals (E) Answers

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

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

Convert each expanded form decimal number to standard form.

1.  $5 + \frac{9}{10} + \frac{2}{100} + \frac{7}{1000} + \frac{4}{10,000} + \frac{3}{100,000} + \frac{8}{1,000,000} + \frac{3}{10,000,000} + \frac{2}{100,000,000} + \frac{9}{1,000,000,000}$   
**5.927438329**

2.  $1 + \frac{2}{10} + \frac{2}{100} + \frac{8}{1000} + \frac{1}{1,000,000} + \frac{4}{10,000,000} + \frac{4}{1,000,000,000}$   
**1.228001404**

3.  $7 + \frac{8}{10} + \frac{6}{100} + \frac{8}{1000} + \frac{6}{10,000} + \frac{5}{100,000} + \frac{9}{1,000,000} + \frac{1}{100,000,000} + \frac{8}{1,000,000,000}$   
**7.868659018**

4.  $8 + \frac{1}{100} + \frac{8}{1000} + \frac{8}{10,000} + \frac{5}{100,000} + \frac{6}{1,000,000} + \frac{2}{10,000,000} + \frac{3}{1,000,000,000}$   
**8.018856203**

5.  $6 + \frac{1}{10} + \frac{8}{100} + \frac{5}{1000} + \frac{9}{10,000} + \frac{2}{100,000} + \frac{6}{1,000,000} + \frac{8}{10,000,000} + \frac{4}{100,000,000} + \frac{8}{1,000,000,000}$   
**6.185926848**

6.  $8 + \frac{3}{10} + \frac{6}{1000} + \frac{3}{10,000} + \frac{5}{100,000} + \frac{8}{1,000,000} + \frac{8}{10,000,000} + \frac{9}{1,000,000,000}$   
**8.306358809**

7.  $9 + \frac{1}{10} + \frac{4}{100} + \frac{7}{1000} + \frac{9}{100,000} + \frac{9}{10,000,000} + \frac{6}{100,000,000} + \frac{4}{1,000,000,000}$   
**9.147090964**

8.  $4 + \frac{1}{10} + \frac{5}{100} + \frac{2}{1000} + \frac{3}{10,000} + \frac{4}{100,000} + \frac{7}{1,000,000} + \frac{8}{10,000,000} + \frac{1}{100,000,000} + \frac{1}{1,000,000,000}$   
**4.152347811**

9.  $3 + \frac{8}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{5}{100,000} + \frac{9}{1,000,000} + \frac{4}{10,000,000} + \frac{1}{100,000,000} + \frac{1}{1,000,000,000}$   
**3.089259411**

10.  $8 + \frac{5}{10} + \frac{7}{100} + \frac{3}{10,000} + \frac{4}{100,000} + \frac{3}{1,000,000} + \frac{4}{1,000,000,000}$   
**8.570343004**

## Expanded to Standard Form With Decimals (F)

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

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

Convert each expanded form decimal number to standard form.

1.  $4 + \frac{3}{10} + \frac{5}{1000} + \frac{4}{10,000} + \frac{7}{100,000} + \frac{6}{1,000,000} + \frac{8}{100,000,000} + \frac{6}{1,000,000,000}$

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

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

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

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

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

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

8.  $5 + \frac{9}{10} + \frac{4}{100} + \frac{7}{1000} + \frac{5}{10,000} + \frac{2}{100,000} + \frac{6}{10,000,000} + \frac{9}{100,000,000} + \frac{8}{1,000,000,000}$

9.  $1 + \frac{3}{10} + \frac{4}{100} + \frac{6}{1000} + \frac{7}{10,000} + \frac{9}{100,000} + \frac{2}{1,000,000} + \frac{4}{10,000,000} + \frac{8}{100,000,000} + \frac{7}{1,000,000,000}$

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $4 + \frac{3}{10} + \frac{5}{1000} + \frac{4}{10,000} + \frac{7}{100,000} + \frac{6}{1,000,000} + \frac{8}{100,000,000} + \frac{6}{1,000,000,000}$   
**4.305476086**

2.  $5 + \frac{5}{100} + \frac{2}{1000} + \frac{8}{10,000} + \frac{1}{100,000} + \frac{1}{1,000,000} + \frac{6}{10,000,000} + \frac{8}{100,000,000} + \frac{3}{1,000,000,000}$   
**5.052811683**

3.  $8 + \frac{2}{10} + \frac{6}{100} + \frac{3}{1000} + \frac{7}{10,000} + \frac{7}{100,000} + \frac{4}{1,000,000} + \frac{1}{10,000,000} + \frac{2}{100,000,000} + \frac{7}{1,000,000,000}$   
**8.263774127**

4.  $9 + \frac{8}{10} + \frac{8}{100} + \frac{1}{1000} + \frac{9}{10,000} + \frac{9}{1,000,000} + \frac{3}{100,000,000} + \frac{2}{1,000,000,000}$   
**9.881909032**

5.  $5 + \frac{8}{10} + \frac{5}{1000} + \frac{7}{10,000} + \frac{5}{100,000} + \frac{7}{1,000,000} + \frac{2}{10,000,000} + \frac{7}{100,000,000} + \frac{1}{1,000,000,000}$   
**5.805757271**

6.  $8 + \frac{1}{10} + \frac{6}{100} + \frac{1}{1000} + \frac{3}{10,000} + \frac{2}{100,000} + \frac{2}{1,000,000} + \frac{6}{10,000,000} + \frac{9}{100,000,000} + \frac{4}{1,000,000,000}$   
**8.161322694**

7.  $1 + \frac{9}{10} + \frac{2}{100} + \frac{8}{1000} + \frac{9}{10,000} + \frac{7}{100,000} + \frac{6}{1,000,000} + \frac{3}{10,000,000} + \frac{3}{100,000,000} + \frac{8}{1,000,000,000}$   
**1.928976338**

8.  $5 + \frac{9}{10} + \frac{4}{100} + \frac{7}{1000} + \frac{5}{10,000} + \frac{2}{100,000} + \frac{6}{10,000,000} + \frac{9}{100,000,000} + \frac{8}{1,000,000,000}$   
**5.947520698**

9.  $1 + \frac{3}{10} + \frac{4}{100} + \frac{6}{1000} + \frac{7}{10,000} + \frac{9}{100,000} + \frac{2}{1,000,000} + \frac{4}{10,000,000} + \frac{8}{100,000,000} + \frac{7}{1,000,000,000}$   
**1.346792487**

10.  $5 + \frac{3}{10} + \frac{1}{100} + \frac{3}{1000} + \frac{5}{10,000} + \frac{8}{100,000} + \frac{3}{1,000,000} + \frac{4}{10,000,000} + \frac{2}{100,000,000} + \frac{8}{1,000,000,000}$   
**5.313583428**

## Expanded to Standard Form With Decimals (G)

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

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

Convert each expanded form decimal number to standard form.

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

2.  $8 + \frac{8}{10} + \frac{8}{100} + \frac{2}{1000} + \frac{7}{10,000} + \frac{4}{100,000} + \frac{9}{1,000,000} + \frac{3}{1,000,000,000}$

3.  $5 + \frac{8}{10} + \frac{4}{100} + \frac{1}{1000} + \frac{4}{10,000} + \frac{8}{100,000} + \frac{7}{1,000,000} + \frac{6}{10,000,000} + \frac{4}{100,000,000} + \frac{8}{1,000,000,000}$

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

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

6.  $9 + \frac{8}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{8}{10,000} + \frac{3}{1,000,000} + \frac{5}{10,000,000} + \frac{6}{100,000,000} + \frac{4}{1,000,000,000}$

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

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

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

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $8 + \frac{3}{10} + \frac{1}{100} + \frac{3}{1000} + \frac{1}{10,000} + \frac{1}{1,000,000} + \frac{2}{10,000,000} + \frac{1}{100,000,000} + \frac{2}{1,000,000,000}$   
**8.313101212**

2.  $8 + \frac{8}{10} + \frac{8}{100} + \frac{2}{1000} + \frac{7}{10,000} + \frac{4}{100,000} + \frac{9}{1,000,000} + \frac{3}{1,000,000,000}$   
**8.882749003**

3.  $5 + \frac{8}{10} + \frac{4}{100} + \frac{1}{1000} + \frac{4}{10,000} + \frac{8}{100,000} + \frac{7}{1,000,000} + \frac{6}{10,000,000} + \frac{4}{100,000,000} + \frac{8}{1,000,000,000}$   
**5.841487648**

4.  $5 + \frac{9}{10} + \frac{4}{100} + \frac{4}{1000} + \frac{3}{10,000} + \frac{8}{100,000} + \frac{8}{1,000,000} + \frac{7}{10,000,000} + \frac{9}{100,000,000} + \frac{5}{1,000,000,000}$   
**5.944388795**

5.  $3 + \frac{6}{10} + \frac{3}{100} + \frac{2}{1000} + \frac{8}{10,000} + \frac{7}{100,000} + \frac{1}{1,000,000} + \frac{9}{10,000,000} + \frac{7}{100,000,000} + \frac{6}{1,000,000,000}$   
**3.632871976**

6.  $9 + \frac{8}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{8}{10,000} + \frac{3}{1,000,000} + \frac{5}{10,000,000} + \frac{6}{100,000,000} + \frac{4}{1,000,000,000}$   
**9.873803564**

7.  $6 + \frac{7}{10} + \frac{6}{100} + \frac{7}{1000} + \frac{2}{10,000} + \frac{7}{100,000} + \frac{3}{1,000,000} + \frac{1}{10,000,000} + \frac{2}{100,000,000} + \frac{3}{1,000,000,000}$   
**6.767273123**

8.  $7 + \frac{8}{10} + \frac{6}{100} + \frac{6}{1000} + \frac{5}{10,000} + \frac{9}{100,000} + \frac{4}{1,000,000} + \frac{1}{10,000,000} + \frac{7}{100,000,000} + \frac{4}{1,000,000,000}$   
**7.866594174**

9.  $2 + \frac{8}{10} + \frac{5}{100} + \frac{8}{1000} + \frac{1}{10,000} + \frac{8}{100,000} + \frac{7}{1,000,000} + \frac{4}{10,000,000} + \frac{1}{100,000,000} + \frac{5}{1,000,000,000}$   
**2.858187415**

10.  $4 + \frac{9}{10} + \frac{8}{100} + \frac{6}{1000} + \frac{5}{10,000} + \frac{3}{100,000} + \frac{6}{1,000,000} + \frac{8}{10,000,000} + \frac{1}{1,000,000,000}$   
**4.986536801**

## Expanded to Standard Form With Decimals (H)

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

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

Convert each expanded form decimal number to standard form.

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

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

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

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

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

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

7.  $4 + \frac{3}{10} + \frac{2}{100} + \frac{7}{1000} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{9}{1,000,000} + \frac{8}{10,000,000} + \frac{8}{100,000,000} + \frac{7}{1,000,000,000}$

8.  $5 + \frac{6}{10} + \frac{1}{100} + \frac{9}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{4}{10,000,000} + \frac{3}{100,000,000} + \frac{8}{1,000,000,000}$

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

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $1 + \frac{3}{10} + \frac{6}{100} + \frac{7}{1000} + \frac{2}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{1}{10,000,000} + \frac{4}{100,000,000} + \frac{6}{1,000,000,000}$   
**1.367242146**

2.  $2 + \frac{5}{10} + \frac{8}{100} + \frac{2}{1000} + \frac{7}{10,000} + \frac{9}{100,000} + \frac{5}{1,000,000} + \frac{2}{100,000,000} + \frac{3}{1,000,000,000}$   
**2.582795023**

3.  $3 + \frac{3}{10} + \frac{7}{100} + \frac{7}{1000} + \frac{2}{10,000} + \frac{4}{100,000} + \frac{6}{1,000,000} + \frac{3}{10,000,000} + \frac{5}{100,000,000} + \frac{1}{1,000,000,000}$   
**3.377246351**

4.  $8 + \frac{3}{10} + \frac{3}{100} + \frac{3}{1000} + \frac{1}{10,000} + \frac{9}{100,000} + \frac{1}{10,000,000} + \frac{8}{1,000,000,000}$   
**8.333109108**

5.  $7 + \frac{4}{10} + \frac{2}{100} + \frac{7}{10,000} + \frac{2}{100,000} + \frac{1}{1,000,000} + \frac{1}{10,000,000} + \frac{5}{100,000,000} + \frac{6}{1,000,000,000}$   
**7.420721156**

6.  $3 + \frac{8}{10} + \frac{5}{100} + \frac{9}{1000} + \frac{2}{10,000} + \frac{4}{100,000} + \frac{8}{1,000,000} + \frac{6}{10,000,000} + \frac{4}{100,000,000} + \frac{8}{1,000,000,000}$   
**3.859248648**

7.  $4 + \frac{3}{10} + \frac{2}{100} + \frac{7}{1000} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{9}{1,000,000} + \frac{8}{10,000,000} + \frac{8}{100,000,000} + \frac{7}{1,000,000,000}$   
**4.327169887**

8.  $5 + \frac{6}{10} + \frac{1}{100} + \frac{9}{10,000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{4}{10,000,000} + \frac{3}{100,000,000} + \frac{8}{1,000,000,000}$   
**5.610942438**

9.  $2 + \frac{2}{10} + \frac{2}{100} + \frac{4}{1000} + \frac{4}{100,000} + \frac{2}{1,000,000} + \frac{2}{10,000,000} + \frac{5}{100,000,000} + \frac{2}{1,000,000,000}$   
**2.224042252**

10.  $7 + \frac{1}{10} + \frac{2}{1000} + \frac{6}{100,000} + \frac{6}{1,000,000} + \frac{3}{10,000,000} + \frac{5}{100,000,000} + \frac{7}{1,000,000,000}$   
**7.102066357**



# Expanded to Standard Form With Decimals (I)

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

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

Convert each expanded form decimal number to standard form.

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

# Expanded to Standard Form With Decimals (I) Answers

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

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

Convert each expanded form decimal number to standard form.

1.  $1 + \frac{6}{100} + \frac{9}{1000} + \frac{3}{10,000} + \frac{5}{100,000} + \frac{9}{1,000,000} + \frac{6}{10,000,000} + \frac{3}{100,000,000} + \frac{6}{1,000,000,000}$   
**1.069359636**

2.  $3 + \frac{5}{10} + \frac{1}{100} + \frac{1}{1000} + \frac{1}{10,000} + \frac{7}{100,000} + \frac{3}{1,000,000} + \frac{3}{10,000,000} + \frac{6}{100,000,000} + \frac{3}{1,000,000,000}$   
**3.511173363**

3.  $4 + \frac{9}{10} + \frac{4}{1000} + \frac{2}{10,000} + \frac{4}{100,000} + \frac{3}{10,000,000} + \frac{5}{100,000,000} + \frac{3}{1,000,000,000}$   
**4.904240353**

4.  $3 + \frac{7}{10} + \frac{2}{100} + \frac{3}{1000} + \frac{5}{10,000} + \frac{8}{10,000,000} + \frac{1}{100,000,000} + \frac{3}{1,000,000,000}$   
**3.723500813**

5.  $5 + \frac{8}{10} + \frac{1}{1000} + \frac{7}{10,000} + \frac{4}{100,000} + \frac{1}{1,000,000} + \frac{6}{100,000,000} + \frac{8}{1,000,000,000}$   
**5.801741068**

6.  $3 + \frac{8}{10} + \frac{7}{100} + \frac{3}{1000} + \frac{2}{100,000} + \frac{9}{1,000,000} + \frac{8}{10,000,000} + \frac{8}{1,000,000,000}$   
**3.873029808**

7.  $4 + \frac{3}{10} + \frac{8}{100} + \frac{7}{1000} + \frac{5}{10,000} + \frac{2}{100,000} + \frac{9}{1,000,000} + \frac{3}{10,000,000} + \frac{3}{1,000,000,000}$   
**4.387529303**

8.  $5 + \frac{8}{100} + \frac{9}{1000} + \frac{1}{10,000} + \frac{1}{100,000} + \frac{6}{1,000,000} + \frac{8}{10,000,000} + \frac{5}{100,000,000} + \frac{5}{1,000,000,000}$   
**5.089116855**

9.  $2 + \frac{6}{10} + \frac{9}{100} + \frac{4}{1000} + \frac{2}{10,000} + \frac{2}{100,000} + \frac{4}{1,000,000} + \frac{8}{10,000,000} + \frac{8}{100,000,000} + \frac{9}{1,000,000,000}$   
**2.694224889**

10.  $4 + \frac{5}{10} + \frac{7}{100} + \frac{2}{1000} + \frac{7}{10,000} + \frac{8}{100,000} + \frac{4}{1,000,000} + \frac{8}{10,000,000} + \frac{2}{100,000,000} + \frac{5}{1,000,000,000}$   
**4.572784825**

# Expanded to Standard Form With Decimals (J)

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

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

Convert each expanded form decimal number to standard form.

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

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

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

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

Convert each expanded form decimal number to standard form.

1.  $8 + \frac{8}{10} + \frac{7}{100} + \frac{4}{1000} + \frac{9}{10,000} + \frac{5}{100,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000} + \frac{6}{100,000,000} + \frac{6}{1,000,000,000}$   
**8.874953666**

2.  $7 + \frac{4}{10} + \frac{1}{100} + \frac{1}{1000} + \frac{2}{10,000} + \frac{3}{100,000} + \frac{6}{1,000,000} + \frac{7}{10,000,000} + \frac{2}{100,000,000} + \frac{4}{1,000,000,000}$   
**7.411236724**

3.  $5 + \frac{7}{10} + \frac{2}{100} + \frac{1}{10,000} + \frac{6}{100,000} + \frac{4}{1,000,000} + \frac{8}{10,000,000} + \frac{3}{100,000,000} + \frac{5}{1,000,000,000}$   
**5.720164835**

4.  $3 + \frac{7}{10} + \frac{7}{100} + \frac{4}{10,000} + \frac{8}{100,000} + \frac{8}{1,000,000} + \frac{8}{10,000,000} + \frac{9}{100,000,000} + \frac{8}{1,000,000,000}$   
**3.770488898**

5.  $3 + \frac{9}{10} + \frac{8}{100} + \frac{9}{1000} + \frac{6}{10,000} + \frac{2}{100,000} + \frac{4}{1,000,000} + \frac{8}{10,000,000} + \frac{4}{100,000,000} + \frac{6}{1,000,000,000}$   
**3.989624846**

6.  $7 + \frac{2}{10} + \frac{1}{100} + \frac{6}{10,000} + \frac{7}{100,000} + \frac{2}{1,000,000} + \frac{4}{10,000,000} + \frac{2}{100,000,000} + \frac{9}{1,000,000,000}$   
**7.210672429**

7.  $2 + \frac{5}{10} + \frac{4}{100} + \frac{7}{1000} + \frac{1}{10,000} + \frac{8}{100,000} + \frac{3}{1,000,000} + \frac{5}{10,000,000} + \frac{6}{100,000,000} + \frac{1}{1,000,000,000}$   
**2.547183561**

8.  $7 + \frac{2}{10} + \frac{4}{100} + \frac{8}{1000} + \frac{6}{10,000} + \frac{4}{100,000} + \frac{9}{100,000,000} + \frac{5}{1,000,000,000}$   
**7.248640095**

9.  $3 + \frac{6}{10} + \frac{2}{100} + \frac{6}{1000} + \frac{6}{10,000} + \frac{9}{100,000} + \frac{1}{1,000,000} + \frac{9}{10,000,000} + \frac{5}{100,000,000} + \frac{9}{1,000,000,000}$   
**3.626691959**

10.  $9 + \frac{6}{10} + \frac{1}{100} + \frac{7}{1000} + \frac{2}{10,000} + \frac{1}{1,000,000} + \frac{2}{10,000,000} + \frac{7}{100,000,000} + \frac{5}{1,000,000,000}$   
**9.617201275**