

# 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**