

## Expanded Form With Decimals (J)

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

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

Convert each standard form decimal number to expanded form using fractions.

1. 9.04653209
2. 2.31270255
3. 9.81578658
4. 4.47768509
5. 3.77083522
6. 2.15630565
7. 6.45502783
8. 4.09316641
9. 5.83251429
10. 5.45673906

## Expanded Form With Decimals (J) Answers

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

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

Convert each standard form decimal number to expanded form using fractions.

1. 9.04653209

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

2. 2.31270255

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

3. 9.81578658

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

4. 4.47768509

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

5. 3.77083522

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

6. 2.15630565

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

7. 6.45502783

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

8. 4.09316641

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

9. 5.83251429

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

10. 5.45673906

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