

## Expanded Form With Decimals (F)

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

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

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

1. 1.451428533
2. 5.144315421
3. 7.814967446
4. 9.947837582
5. 1.346033911
6. 7.044450604
7. 3.083981396
8. 2.922409152
9. 9.748012888
10. 3.055357444

## Expanded Form With Decimals (F) Answers

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

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

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

1. 1.451428533

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

2. 5.144315421

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

3. 7.814967446

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

4. 9.947837582

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

5. 1.346033911

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

6. 7.044450604

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

7. 3.083981396

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

8. 2.922409152

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

9. 9.748012888

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

10. 3.055357444

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