

Expanded Form With Decimals (I)

Name: _____

Date: _____

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

1. 8.4725193
2. 6.1381202
3. 1.8821881
4. 2.2294988
5. 1.8169747
6. 6.9735902
7. 3.4100477
8. 1.7818775
9. 7.1600902
10. 5.8443026

Expanded Form With Decimals (I) Answers

Name: _____

Date: _____

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

1. 8.4725193

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

2. 6.1381202

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

3. 1.8821881

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

4. 2.2294988

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

5. 1.8169747

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

6. 6.9735902

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

7. 3.4100477

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

8. 1.7818775

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

9. 7.1600902

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

10. 5.8443026

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