

Expanded Form With Decimals (C)

Name: _____

Date: _____

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

1. 1.3913243

2. 8.5485777

3. 1.2184061

4. 4.5171928

5. 9.2171467

6. 5.8257937

7. 1.4390294

8. 1.8400472

9. 2.1546393

10. 4.8484987

Expanded Form With Decimals (C) Answers

Name: _____

Date: _____

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

1. 1.3913243

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

2. 8.5485777

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

3. 1.2184061

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

4. 4.5171928

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

5. 9.2171467

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

6. 5.8257937

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

7. 1.4390294

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

8. 1.8400472

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

9. 2.1546393

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

10. 4.8484987

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