

Expanded Form With Decimals (E)

Name: _____

Date: _____

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

1. 2.6544863
2. 1.1558314
3. 6.2412307
4. 2.4573769
5. 8.0769605
6. 3.5926215
7. 4.0124126
8. 5.0165447
9. 7.7240535
10. 1.3367262

Expanded Form With Decimals (E) Answers

Name: _____

Date: _____

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

1. 2.6544863

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

2. 1.1558314

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

3. 6.2412307

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

4. 2.4573769

$$2 + \frac{4}{10} + \frac{5}{100} + \frac{7}{1000} + \frac{3}{10,000} + \frac{7}{100,000} + \frac{6}{1,000,000} + \frac{9}{10,000,000}$$

5. 8.0769605

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

6. 3.5926215

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

7. 4.0124126

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

8. 5.0165447

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

9. 7.7240535

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

10. 1.3367262

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