

Expanded Form With Decimals (G)

Name: _____

Date: _____

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

1. 1.7457446
2. 8.3163557
3. 4.0490573
4. 9.7387155
5. 9.2855072
6. 9.8163377
7. 1.2176139
8. 1.1314191
9. 7.4630393
10. 2.7707555

Expanded Form With Decimals (G) Answers

Name: _____

Date: _____

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

1. 1.7457446

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

2. 8.3163557

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

3. 4.0490573

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

4. 9.7387155

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

5. 9.2855072

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

6. 9.8163377

$$9 + \frac{8}{10} + \frac{1}{100} + \frac{6}{1000} + \frac{3}{10,000} + \frac{3}{100,000} + \frac{7}{1,000,000} + \frac{7}{10,000,000}$$

7. 1.2176139

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

8. 1.1314191

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

9. 7.4630393

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

10. 2.7707555

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