

Expanded Form With Decimals (G)

Name: _____

Date: _____

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

1. 4.096379
2. 4.646638
3. 8.196228
4. 2.855396
5. 7.875614
6. 4.336902
7. 3.924759
8. 3.238707
9. 8.300117
10. 5.551981

Expanded Form With Decimals (G) Answers

Name: _____

Date: _____

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

1. 4.096379

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

2. 4.646638

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

3. 8.196228

$$8 + \frac{1}{10} + \frac{9}{100} + \frac{6}{1000} + \frac{2}{10,000} + \frac{2}{100,000} + \frac{8}{1,000,000}$$

4. 2.855396

$$2 + \frac{8}{10} + \frac{5}{100} + \frac{5}{1000} + \frac{3}{10,000} + \frac{9}{100,000} + \frac{6}{1,000,000}$$

5. 7.875614

$$7 + \frac{8}{10} + \frac{7}{100} + \frac{5}{1000} + \frac{6}{10,000} + \frac{1}{100,000} + \frac{4}{1,000,000}$$

6. 4.336902

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

7. 3.924759

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

8. 3.238707

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

9. 8.300117

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

10. 5.551981

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