

Expanded Form With Decimals (C)

Name: _____

Date: _____

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

1. 2.500686907
2. 7.990588361
3. 2.758355983
4. 5.479621469
5. 1.258987716
6. 4.065156501
7. 3.210594689
8. 5.996696843
9. 6.077139814
10. 6.923635263

Expanded Form With Decimals (C) Answers

Name: _____

Date: _____

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

1. 2.500686907

$$2 + \frac{5}{10} + \frac{6}{10,000} + \frac{8}{100,000} + \frac{6}{1,000,000} + \frac{9}{10,000,000} + \frac{7}{1,000,000,000}$$

2. 7.990588361

$$7 + \frac{9}{10} + \frac{9}{100} + \frac{5}{10,000} + \frac{8}{100,000} + \frac{8}{1,000,000} + \frac{3}{10,000,000} + \frac{6}{100,000,000} + \frac{1}{1,000,000,000}$$

3. 2.758355983

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

4. 5.479621469

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

5. 1.258987716

$$1 + \frac{2}{10} + \frac{5}{100} + \frac{8}{1000} + \frac{9}{10,000} + \frac{8}{100,000} + \frac{7}{1,000,000} + \frac{7}{10,000,000} + \frac{1}{100,000,000} + \frac{6}{1,000,000,000}$$

6. 4.065156501

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

7. 3.210594689

$$3 + \frac{2}{10} + \frac{1}{100} + \frac{5}{10,000} + \frac{9}{100,000} + \frac{4}{1,000,000} + \frac{6}{10,000,000} + \frac{8}{100,000,000} + \frac{9}{1,000,000,000}$$

8. 5.996696843

$$5 + \frac{9}{10} + \frac{9}{100} + \frac{6}{1000} + \frac{6}{10,000} + \frac{9}{100,000} + \frac{6}{1,000,000} + \frac{8}{10,000,000} + \frac{4}{100,000,000} + \frac{3}{1,000,000,000}$$

9. 6.077139814

$$6 + \frac{7}{100} + \frac{7}{1000} + \frac{1}{10,000} + \frac{3}{100,000} + \frac{9}{1,000,000} + \frac{8}{10,000,000} + \frac{1}{100,000,000} + \frac{4}{1,000,000,000}$$

10. 6.923635263

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