

Expanded Form With Decimals (A)

Name: _____

Date: _____

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

1. 2.41210181
2. 6.92409069
3. 3.60927645
4. 2.80214905
5. 3.33047001
6. 2.81137714
7. 6.25987117
8. 5.07783039
9. 7.95188762
10. 6.90642254

Expanded Form With Decimals (A) Answers

Name: _____

Date: _____

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

1. 2.41210181

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

2. 6.92409069

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

3. 3.60927645

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

4. 2.80214905

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

5. 3.33047001

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

6. 2.81137714

$$2 + \frac{8}{10} + \frac{1}{100} + \frac{1}{1000} + \frac{3}{10,000} + \frac{7}{100,000} + \frac{7}{1,000,000} + \frac{1}{10,000,000} + \frac{4}{100,000,000}$$

7. 6.25987117

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

8. 5.07783039

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

9. 7.95188762

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

10. 6.90642254

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