

Expanded Form With Decimals (I)

Name: _____

Date: _____

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

1. 4.53028829
2. 8.23579419
3. 2.97714045
4. 2.89092215
5. 8.70441663
6. 1.86365404
7. 6.83502973
8. 8.03628259
9. 1.84617384
10. 3.37453614

Expanded Form With Decimals (I) Answers

Name: _____

Date: _____

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

1. 4.53028829

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

2. 8.23579419

$$8 + \frac{2}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{7}{10,000} + \frac{9}{100,000} + \frac{4}{1,000,000} + \frac{1}{10,000,000} + \frac{9}{100,000,000}$$

3. 2.97714045

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

4. 2.89092215

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

5. 8.70441663

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

6. 1.86365404

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

7. 6.83502973

$$6 + \frac{8}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{2}{100,000} + \frac{9}{1,000,000} + \frac{7}{10,000,000} + \frac{3}{100,000,000}$$

8. 8.03628259

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

9. 1.84617384

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

10. 3.37453614

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