

Expanded Form With Decimals (I)

Name: _____

Date: _____

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

1. 5.731531

2. 7.933844

3. 1.094843

4. 2.768482

5. 2.711772

6. 6.732852

7. 1.711036

8. 1.645886

9. 9.921313

10. 2.843511

Expanded Form With Decimals (I) Answers

Name: _____

Date: _____

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

1. 5.731531

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

2. 7.933844

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

3. 1.094843

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

4. 2.768482

$$2 + \frac{7}{10} + \frac{6}{100} + \frac{8}{1000} + \frac{4}{10,000} + \frac{8}{100,000} + \frac{2}{1,000,000}$$

5. 2.711772

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

6. 6.732852

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

7. 1.711036

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

8. 1.645886

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

9. 9.921313

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

10. 2.843511

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