

## Expanded Form With Decimals (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

1. 3.621405115
2. 4.129302633
3. 7.157549399
4. 3.774678478
5. 7.365157141
6. 1.464360401
7. 9.318542519
8. 2.478722079
9. 5.395025178
10. 3.042475085

## Expanded Form With Decimals (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

1. 3.621405115

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

2. 4.129302633

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

3. 7.157549399

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

4. 3.774678478

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

5. 7.365157141

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

6. 1.464360401

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

7. 9.318542519

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

8. 2.478722079

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

9. 5.395025178

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

10. 3.042475085

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