

## Expanded Form With Decimals (F)

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

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

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

1. 8.682038

2. 8.000247

3. 7.888633

4. 9.463133

5. 7.959905

6. 8.395393

7. 4.164694

8. 3.614417

9. 8.601484

10. 9.878839

## Expanded Form With Decimals (F) Answers

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

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

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

1. 8.682038

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

2. 8.000247

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

3. 7.888633

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

4. 9.463133

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

5. 7.959905

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

6. 8.395393

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

7. 4.164694

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

8. 3.614417

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

9. 8.601484

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

10. 9.878839

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