

## Expanded Form With Decimals (A)

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

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

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

1. 1.30229

2. 8.91653

3. 8.33466

4. 9.15738

5. 9.90192

6. 8.84183

7. 1.56745

8. 3.08185

9. 8.94735

10. 9.39227

## Expanded Form With Decimals (A) Answers

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

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

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

1. 1.30229

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

2. 8.91653

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

3. 8.33466

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

4. 9.15738

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

5. 9.90192

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

6. 8.84183

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

7. 1.56745

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

8. 3.08185

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

9. 8.94735

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

10. 9.39227

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

## Expanded Form With Decimals (B)

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

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

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

1. 5.31155

2. 6.86978

3. 7.36592

4. 8.89939

5. 5.64663

6. 4.01814

7. 2.15713

8. 1.14704

9. 9.17071

10. 2.40581

## Expanded Form With Decimals (B) Answers

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

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

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

1. 5.31155

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

2. 6.86978

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

3. 7.36592

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

4. 8.89939

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

5. 5.64663

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

6. 4.01814

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

7. 2.15713

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

8. 1.14704

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

9. 9.17071

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

10. 2.40581

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

## Expanded Form With Decimals (C)

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

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

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

1. 6.69024

2. 7.67907

3. 7.57037

4. 4.07561

5. 5.94962

6. 5.44011

7. 2.85536

8. 7.80062

9. 5.43954

10. 1.74447

## Expanded Form With Decimals (C) Answers

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

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

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

1. 6.69024

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

2. 7.67907

$$7 + \frac{6}{10} + \frac{7}{100} + \frac{9}{1000} + \frac{7}{100,000}$$

3. 7.57037

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

4. 4.07561

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

5. 5.94962

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

6. 5.44011

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

7. 2.85536

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

8. 7.80062

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

9. 5.43954

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

10. 1.74447

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

## Expanded Form With Decimals (D)

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

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

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

1. 3.75257

2. 2.65733

3. 1.70443

4. 7.86145

5. 8.52986

6. 8.36604

7. 1.96894

8. 7.34201

9. 1.76336

10. 8.51866

## Expanded Form With Decimals (D) Answers

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

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

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

1. **3.75257**

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

2. **2.65733**

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

3. **1.70443**

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

4. **7.86145**

$$7 + \frac{8}{10} + \frac{6}{100} + \frac{1}{1000} + \frac{4}{10,000} + \frac{5}{100,000}$$

5. **8.52986**

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

6. **8.36604**

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

7. **1.96894**

$$1 + \frac{9}{10} + \frac{6}{100} + \frac{8}{1000} + \frac{9}{10,000} + \frac{4}{100,000}$$

8. **7.34201**

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

9. **1.76336**

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

10. **8.51866**

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



## Expanded Form With Decimals (E)

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

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

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

1. 7.09396

2. 6.07573

3. 4.10164

4. 9.77646

5. 1.25347

6. 2.23714

7. 2.58573

8. 3.34237

9. 1.29314

10. 9.37964

## Expanded Form With Decimals (E) Answers

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

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

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

1. 7.09396

$$7 + \frac{9}{100} + \frac{3}{1000} + \frac{9}{10,000} + \frac{6}{100,000}$$

2. 6.07573

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

3. 4.10164

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

4. 9.77646

$$9 + \frac{7}{10} + \frac{7}{100} + \frac{6}{1000} + \frac{4}{10,000} + \frac{6}{100,000}$$

5. 1.25347

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

6. 2.23714

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

7. 2.58573

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

8. 3.34237

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

9. 1.29314

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

10. 9.37964

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

## Expanded Form With Decimals (F)

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

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

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

1. 8.44788

2. 3.60863

3. 9.47556

4. 9.80143

5. 4.57682

6. 7.29158

7. 3.51946

8. 6.19666

9. 9.35569

10. 6.95332

## Expanded Form With Decimals (F) Answers

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

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

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

1. 8.44788

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

2. 3.60863

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

3. 9.47556

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

4. 9.80143

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

5. 4.57682

$$4 + \frac{5}{10} + \frac{7}{100} + \frac{6}{1000} + \frac{8}{10,000} + \frac{2}{100,000}$$

6. 7.29158

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

7. 3.51946

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

8. 6.19666

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

9. 9.35569

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

10. 6.95332

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

## Expanded Form With Decimals (G)

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

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

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

1. 5.04469
2. 5.32267
3. 4.77622
4. 3.57817
5. 4.15818
6. 3.31254
7. 9.35877
8. 8.64594
9. 5.54415
10. 4.34623

## Expanded Form With Decimals (G) Answers

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

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

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

1. 5.04469

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

2. 5.32267

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

3. 4.77622

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

4. 3.57817

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

5. 4.15818

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

6. 3.31254

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

7. 9.35877

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

8. 8.64594

$$8 + \frac{6}{10} + \frac{4}{100} + \frac{5}{1000} + \frac{9}{10,000} + \frac{4}{100,000}$$

9. 5.54415

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

10. 4.34623

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

## Expanded Form With Decimals (H)

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

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

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

1. 7.02135

2. 1.97323

3. 4.41237

4. 1.64257

5. 8.00787

6. 4.83726

7. 2.63073

8. 4.85293

9. 6.45333

10. 9.24744

## Expanded Form With Decimals (H) Answers

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

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

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

1. 7.02135

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

2. 1.97323

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

3. 4.41237

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

4. 1.64257

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

5. 8.00787

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

6. 4.83726

$$4 + \frac{8}{10} + \frac{3}{100} + \frac{7}{1000} + \frac{2}{10,000} + \frac{6}{100,000}$$

7. 2.63073

$$2 + \frac{6}{10} + \frac{3}{100} + \frac{7}{10,000} + \frac{3}{100,000}$$

8. 4.85293

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

9. 6.45333

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

10. 9.24744

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



## Expanded Form With Decimals (I)

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

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

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

1. 3.23326

2. 8.44754

3. 7.90254

4. 8.02482

5. 7.50263

6. 7.09609

7. 6.82446

8. 4.81504

9. 9.40736

10. 4.57525

## Expanded Form With Decimals (I) Answers

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

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

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

1. 3.23326

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

2. 8.44754

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

3. 7.90254

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

4. 8.02482

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

5. 7.50263

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

6. 7.09609

$$7 + \frac{9}{100} + \frac{6}{1000} + \frac{9}{100,000}$$

7. 6.82446

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

8. 4.81504

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

9. 9.40736

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

10. 4.57525

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

## Expanded Form With Decimals (J)

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

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

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

1. 2.27337

2. 7.45387

3. 9.75682

4. 9.88255

5. 3.32435

6. 9.72032

7. 5.05432

8. 4.86382

9. 5.11691

10. 3.67763

## Expanded Form With Decimals (J) Answers

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

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

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

1. 2.27337

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

2. 7.45387

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

3. 9.75682

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

4. 9.88255

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

5. 3.32435

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

6. 9.72032

$$9 + \frac{7}{10} + \frac{2}{100} + \frac{3}{10,000} + \frac{2}{100,000}$$

7. 5.05432

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

8. 4.86382

$$4 + \frac{8}{10} + \frac{6}{100} + \frac{3}{1000} + \frac{8}{10,000} + \frac{2}{100,000}$$

9. 5.11691

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

10. 3.67763

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