

Expanded Form With Decimals (A)

Name: _____

Date: _____

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

1. 4.37956
2. 1.73878
3. 4.96829
4. 3.35258
5. 1.41271
6. 9.52484
7. 4.06553
8. 6.35394
9. 9.04852
10. 4.43544

Expanded Form With Decimals (A) Answers

Name: _____

Date: _____

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

1. 4.37956

$$4 + 0.3 + 0.07 + 0.009 + 0.0005 + 0.00006$$

2. 1.73878

$$1 + 0.7 + 0.03 + 0.008 + 0.0007 + 0.00008$$

3. 4.96829

$$4 + 0.9 + 0.06 + 0.008 + 0.0002 + 0.00009$$

4. 3.35258

$$3 + 0.3 + 0.05 + 0.002 + 0.0005 + 0.00008$$

5. 1.41271

$$1 + 0.4 + 0.01 + 0.002 + 0.0007 + 0.00001$$

6. 9.52484

$$9 + 0.5 + 0.02 + 0.004 + 0.0008 + 0.00004$$

7. 4.06553

$$4 + 0.06 + 0.005 + 0.0005 + 0.00003$$

8. 6.35394

$$6 + 0.3 + 0.05 + 0.003 + 0.0009 + 0.00004$$

9. 9.04852

$$9 + 0.04 + 0.008 + 0.0005 + 0.00002$$

10. 4.43544

$$4 + 0.4 + 0.03 + 0.005 + 0.0004 + 0.00004$$

Expanded Form With Decimals (B)

Name: _____

Date: _____

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

1. 9.49592

2. 3.83183

3. 8.67904

4. 6.18236

5. 9.29987

6. 2.20323

7. 8.82036

8. 2.74418

9. 1.31614

10. 2.46379

Expanded Form With Decimals (B) Answers

Name: _____

Date: _____

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

1. 9.49592

$$9 + 0.4 + 0.09 + 0.005 + 0.0009 + 0.00002$$

2. 3.83183

$$3 + 0.8 + 0.03 + 0.001 + 0.0008 + 0.00003$$

3. 8.67904

$$8 + 0.6 + 0.07 + 0.009 + 0.00004$$

4. 6.18236

$$6 + 0.1 + 0.08 + 0.002 + 0.0003 + 0.00006$$

5. 9.29987

$$9 + 0.2 + 0.09 + 0.009 + 0.0008 + 0.00007$$

6. 2.20323

$$2 + 0.2 + 0.003 + 0.0002 + 0.00003$$

7. 8.82036

$$8 + 0.8 + 0.02 + 0.0003 + 0.00006$$

8. 2.74418

$$2 + 0.7 + 0.04 + 0.004 + 0.0001 + 0.00008$$

9. 1.31614

$$1 + 0.3 + 0.01 + 0.006 + 0.0001 + 0.00004$$

10. 2.46379

$$2 + 0.4 + 0.06 + 0.003 + 0.0007 + 0.00009$$

Expanded Form With Decimals (C)

Name: _____

Date: _____

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

1. 1.32215
2. 7.00259
3. 5.24214
4. 8.98421
5. 8.27951
6. 4.38543
7. 7.85306
8. 2.73431
9. 1.31234
10. 9.80444

Expanded Form With Decimals (C) Answers

Name: _____

Date: _____

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

1. 1.32215

$$1 + 0.3 + 0.02 + 0.002 + 0.0001 + 0.00005$$

2. 7.00259

$$7 + 0.002 + 0.0005 + 0.00009$$

3. 5.24214

$$5 + 0.2 + 0.04 + 0.002 + 0.0001 + 0.00004$$

4. 8.98421

$$8 + 0.9 + 0.08 + 0.004 + 0.0002 + 0.00001$$

5. 8.27951

$$8 + 0.2 + 0.07 + 0.009 + 0.0005 + 0.00001$$

6. 4.38543

$$4 + 0.3 + 0.08 + 0.005 + 0.0004 + 0.00003$$

7. 7.85306

$$7 + 0.8 + 0.05 + 0.003 + 0.00006$$

8. 2.73431

$$2 + 0.7 + 0.03 + 0.004 + 0.0003 + 0.00001$$

9. 1.31234

$$1 + 0.3 + 0.01 + 0.002 + 0.0003 + 0.00004$$

10. 9.80444

$$9 + 0.8 + 0.004 + 0.0004 + 0.00004$$

Expanded Form With Decimals (D)

Name: _____

Date: _____

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

1. 3.78198

2. 2.32924

3. 2.49836

4. 6.21152

5. 7.36799

6. 9.64902

7. 5.20403

8. 7.78075

9. 3.46512

10. 5.68248

Expanded Form With Decimals (D) Answers

Name: _____

Date: _____

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

1. 3.78198

$$3 + 0.7 + 0.08 + 0.001 + 0.0009 + 0.00008$$

2. 2.32924

$$2 + 0.3 + 0.02 + 0.009 + 0.0002 + 0.00004$$

3. 2.49836

$$2 + 0.4 + 0.09 + 0.008 + 0.0003 + 0.00006$$

4. 6.21152

$$6 + 0.2 + 0.01 + 0.001 + 0.0005 + 0.00002$$

5. 7.36799

$$7 + 0.3 + 0.06 + 0.007 + 0.0009 + 0.00009$$

6. 9.64902

$$9 + 0.6 + 0.04 + 0.009 + 0.00002$$

7. 5.20403

$$5 + 0.2 + 0.004 + 0.00003$$

8. 7.78075

$$7 + 0.7 + 0.08 + 0.0007 + 0.00005$$

9. 3.46512

$$3 + 0.4 + 0.06 + 0.005 + 0.0001 + 0.00002$$

10. 5.68248

$$5 + 0.6 + 0.08 + 0.002 + 0.0004 + 0.00008$$

Expanded Form With Decimals (E)

Name: _____

Date: _____

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

1. 5.96769

2. 8.99116

3. 1.96177

4. 4.82575

5. 5.74145

6. 4.69765

7. 8.31405

8. 4.70482

9. 1.59683

10. 3.91117

Expanded Form With Decimals (E) Answers

Name: _____

Date: _____

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

1. 5.96769

$$5 + 0.9 + 0.06 + 0.007 + 0.0006 + 0.00009$$

2. 8.99116

$$8 + 0.9 + 0.09 + 0.001 + 0.0001 + 0.00006$$

3. 1.96177

$$1 + 0.9 + 0.06 + 0.001 + 0.0007 + 0.00007$$

4. 4.82575

$$4 + 0.8 + 0.02 + 0.005 + 0.0007 + 0.00005$$

5. 5.74145

$$5 + 0.7 + 0.04 + 0.001 + 0.0004 + 0.00005$$

6. 4.69765

$$4 + 0.6 + 0.09 + 0.007 + 0.0006 + 0.00005$$

7. 8.31405

$$8 + 0.3 + 0.01 + 0.004 + 0.00005$$

8. 4.70482

$$4 + 0.7 + 0.004 + 0.0008 + 0.00002$$

9. 1.59683

$$1 + 0.5 + 0.09 + 0.006 + 0.0008 + 0.00003$$

10. 3.91117

$$3 + 0.9 + 0.01 + 0.001 + 0.0001 + 0.00007$$

Expanded Form With Decimals (F)

Name: _____

Date: _____

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

1. 4.53897

2. 8.71457

3. 8.87852

4. 5.68132

5. 9.50787

6. 9.92764

7. 3.29372

8. 6.58923

9. 4.88145

10. 4.75234

Expanded Form With Decimals (F) Answers

Name: _____

Date: _____

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

1. 4.53897

$$4 + 0.5 + 0.03 + 0.008 + 0.0009 + 0.00007$$

2. 8.71457

$$8 + 0.7 + 0.01 + 0.004 + 0.0005 + 0.00007$$

3. 8.87852

$$8 + 0.8 + 0.07 + 0.008 + 0.0005 + 0.00002$$

4. 5.68132

$$5 + 0.6 + 0.08 + 0.001 + 0.0003 + 0.00002$$

5. 9.50787

$$9 + 0.5 + 0.007 + 0.0008 + 0.00007$$

6. 9.92764

$$9 + 0.9 + 0.02 + 0.007 + 0.0006 + 0.00004$$

7. 3.29372

$$3 + 0.2 + 0.09 + 0.003 + 0.0007 + 0.00002$$

8. 6.58923

$$6 + 0.5 + 0.08 + 0.009 + 0.0002 + 0.00003$$

9. 4.88145

$$4 + 0.8 + 0.08 + 0.001 + 0.0004 + 0.00005$$

10. 4.75234

$$4 + 0.7 + 0.05 + 0.002 + 0.0003 + 0.00004$$

Expanded Form With Decimals (G)

Name: _____

Date: _____

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

1. 2.26533

2. 9.01965

3. 7.65603

4. 6.01258

5. 1.79223

6. 2.14384

7. 3.23335

8. 4.87463

9. 7.10991

10. 3.38173

Expanded Form With Decimals (G) Answers

Name: _____

Date: _____

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

1. 2.26533

$$2 + 0.2 + 0.06 + 0.005 + 0.0003 + 0.00003$$

2. 9.01965

$$9 + 0.01 + 0.009 + 0.0006 + 0.00005$$

3. 7.65603

$$7 + 0.6 + 0.05 + 0.006 + 0.00003$$

4. 6.01258

$$6 + 0.01 + 0.002 + 0.0005 + 0.00008$$

5. 1.79223

$$1 + 0.7 + 0.09 + 0.002 + 0.0002 + 0.00003$$

6. 2.14384

$$2 + 0.1 + 0.04 + 0.003 + 0.0008 + 0.00004$$

7. 3.23335

$$3 + 0.2 + 0.03 + 0.003 + 0.0003 + 0.00005$$

8. 4.87463

$$4 + 0.8 + 0.07 + 0.004 + 0.0006 + 0.00003$$

9. 7.10991

$$7 + 0.1 + 0.009 + 0.0009 + 0.00001$$

10. 3.38173

$$3 + 0.3 + 0.08 + 0.001 + 0.0007 + 0.00003$$

Expanded Form With Decimals (H)

Name: _____

Date: _____

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

1. 4.33988

2. 9.60931

3. 4.11545

4. 6.17827

5. 5.54727

6. 6.03577

7. 2.10964

8. 2.63692

9. 3.02945

10. 8.56844

Expanded Form With Decimals (H) Answers

Name: _____

Date: _____

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

1. 4.33988

$$4 + 0.3 + 0.03 + 0.009 + 0.0008 + 0.00008$$

2. 9.60931

$$9 + 0.6 + 0.009 + 0.0003 + 0.00001$$

3. 4.11545

$$4 + 0.1 + 0.01 + 0.005 + 0.0004 + 0.00005$$

4. 6.17827

$$6 + 0.1 + 0.07 + 0.008 + 0.0002 + 0.00007$$

5. 5.54727

$$5 + 0.5 + 0.04 + 0.007 + 0.0002 + 0.00007$$

6. 6.03577

$$6 + 0.03 + 0.005 + 0.0007 + 0.00007$$

7. 2.10964

$$2 + 0.1 + 0.009 + 0.0006 + 0.00004$$

8. 2.63692

$$2 + 0.6 + 0.03 + 0.006 + 0.0009 + 0.00002$$

9. 3.02945

$$3 + 0.02 + 0.009 + 0.0004 + 0.00005$$

10. 8.56844

$$8 + 0.5 + 0.06 + 0.008 + 0.0004 + 0.00004$$

Expanded Form With Decimals (I)

Name: _____

Date: _____

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

1. 8.43687
2. 6.61991
3. 7.37182
4. 8.07692
5. 9.69229
6. 5.89977
7. 2.03399
8. 5.80031
9. 8.79726
10. 2.54754

Expanded Form With Decimals (I) Answers

Name: _____

Date: _____

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

1. 8.43687

$$8 + 0.4 + 0.03 + 0.006 + 0.0008 + 0.00007$$

2. 6.61991

$$6 + 0.6 + 0.01 + 0.009 + 0.0009 + 0.00001$$

3. 7.37182

$$7 + 0.3 + 0.07 + 0.001 + 0.0008 + 0.00002$$

4. 8.07692

$$8 + 0.07 + 0.006 + 0.0009 + 0.00002$$

5. 9.69229

$$9 + 0.6 + 0.09 + 0.002 + 0.0002 + 0.00009$$

6. 5.89977

$$5 + 0.8 + 0.09 + 0.009 + 0.0007 + 0.00007$$

7. 2.03399

$$2 + 0.03 + 0.003 + 0.0009 + 0.00009$$

8. 5.80031

$$5 + 0.8 + 0.0003 + 0.00001$$

9. 8.79726

$$8 + 0.7 + 0.09 + 0.007 + 0.0002 + 0.00006$$

10. 2.54754

$$2 + 0.5 + 0.04 + 0.007 + 0.0005 + 0.00004$$

Expanded Form With Decimals (J)

Name: _____

Date: _____

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

1. 7.17665

2. 9.55664

3. 4.71286

4. 3.37165

5. 7.96733

6. 4.03659

7. 5.66412

8. 6.98687

9. 7.95519

10. 5.80008

Expanded Form With Decimals (J) Answers

Name: _____

Date: _____

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

1. 7.17665

$$7 + 0.1 + 0.07 + 0.006 + 0.0006 + 0.00005$$

2. 9.55664

$$9 + 0.5 + 0.05 + 0.006 + 0.0006 + 0.00004$$

3. 4.71286

$$4 + 0.7 + 0.01 + 0.002 + 0.0008 + 0.00006$$

4. 3.37165

$$3 + 0.3 + 0.07 + 0.001 + 0.0006 + 0.00005$$

5. 7.96733

$$7 + 0.9 + 0.06 + 0.007 + 0.0003 + 0.00003$$

6. 4.03659

$$4 + 0.03 + 0.006 + 0.0005 + 0.00009$$

7. 5.66412

$$5 + 0.6 + 0.06 + 0.004 + 0.0001 + 0.00002$$

8. 6.98687

$$6 + 0.9 + 0.08 + 0.006 + 0.0008 + 0.00007$$

9. 7.95519

$$7 + 0.9 + 0.05 + 0.005 + 0.0001 + 0.00009$$

10. 5.80008

$$5 + 0.8 + 0.00008$$