

## Expanded Form With Decimals (A)

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

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

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

1. 8.3662152
2. 3.2522825
3. 4.0091194
4. 9.1462868
5. 2.1943296
6. 8.8702691
7. 5.5850399
8. 6.6000452
9. 6.4338475
10. 9.6309541

## Expanded Form With Decimals (A) Answers

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

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

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

1. 8.3662152

$$8 + 0.3 + 0.06 + 0.006 + 0.0002 + 0.00001 + 0.000005 + 0.0000002$$

2. 3.2522825

$$3 + 0.2 + 0.05 + 0.002 + 0.0002 + 0.00008 + 0.000002 + 0.0000005$$

3. 4.0091194

$$4 + 0.009 + 0.0001 + 0.00001 + 0.000009 + 0.0000004$$

4. 9.1462868

$$9 + 0.1 + 0.04 + 0.006 + 0.0002 + 0.00008 + 0.000006 + 0.0000008$$

5. 2.1943296

$$2 + 0.1 + 0.09 + 0.004 + 0.0003 + 0.00002 + 0.000009 + 0.0000006$$

6. 8.8702691

$$8 + 0.8 + 0.07 + 0.0002 + 0.00006 + 0.000009 + 0.0000001$$

7. 5.5850399

$$5 + 0.5 + 0.08 + 0.005 + 0.00003 + 0.000009 + 0.0000009$$

8. 6.6000452

$$6 + 0.6 + 0.00004 + 0.000005 + 0.0000002$$

9. 6.4338475

$$6 + 0.4 + 0.03 + 0.003 + 0.0008 + 0.00004 + 0.000007 + 0.0000005$$

10. 9.6309541

$$9 + 0.6 + 0.03 + 0.0009 + 0.00005 + 0.000004 + 0.0000001$$

## Expanded Form With Decimals (B)

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

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

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

1. 5.9641552
2. 4.9447143
3. 2.2706464
4. 6.9574714
5. 4.8887445
6. 9.9797442
7. 2.4912986
8. 2.7128052
9. 1.3315425
10. 8.9415418

## Expanded Form With Decimals (B) Answers

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

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

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

1. 5.9641552

$$5 + 0.9 + 0.06 + 0.004 + 0.0001 + 0.00005 + 0.000005 + 0.0000002$$

2. 4.9447143

$$4 + 0.9 + 0.04 + 0.004 + 0.0007 + 0.00001 + 0.000004 + 0.0000003$$

3. 2.2706464

$$2 + 0.2 + 0.07 + 0.0006 + 0.00004 + 0.000006 + 0.0000004$$

4. 6.9574714

$$6 + 0.9 + 0.05 + 0.007 + 0.0004 + 0.00007 + 0.000001 + 0.0000004$$

5. 4.8887445

$$4 + 0.8 + 0.08 + 0.008 + 0.0007 + 0.00004 + 0.000004 + 0.0000005$$

6. 9.9797442

$$9 + 0.9 + 0.07 + 0.009 + 0.0007 + 0.00004 + 0.000004 + 0.0000002$$

7. 2.4912986

$$2 + 0.4 + 0.09 + 0.001 + 0.0002 + 0.00009 + 0.000008 + 0.0000006$$

8. 2.7128052

$$2 + 0.7 + 0.01 + 0.002 + 0.0008 + 0.000005 + 0.0000002$$

9. 1.3315425

$$1 + 0.3 + 0.03 + 0.001 + 0.0005 + 0.00004 + 0.000002 + 0.0000005$$

10. 8.9415418

$$8 + 0.9 + 0.04 + 0.001 + 0.0005 + 0.00004 + 0.000001 + 0.0000008$$

## Expanded Form With Decimals (C)

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

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

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

1. 7.1422045
2. 1.3054788
3. 5.6946303
4. 9.2771805
5. 5.0997622
6. 1.7172376
7. 6.4607579
8. 8.7367883
9. 4.1332101
10. 2.5486818

## Expanded Form With Decimals (C) Answers

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

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

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

1. 7.1422045

$$7 + 0.1 + 0.04 + 0.002 + 0.0002 + 0.000004 + 0.0000005$$

2. 1.3054788

$$1 + 0.3 + 0.005 + 0.0004 + 0.00007 + 0.000008 + 0.0000008$$

3. 5.6946303

$$5 + 0.6 + 0.09 + 0.004 + 0.0006 + 0.00003 + 0.0000003$$

4. 9.2771805

$$9 + 0.2 + 0.07 + 0.007 + 0.0001 + 0.00008 + 0.0000005$$

5. 5.0997622

$$5 + 0.09 + 0.009 + 0.0007 + 0.00006 + 0.000002 + 0.0000002$$

6. 1.7172376

$$1 + 0.7 + 0.01 + 0.007 + 0.0002 + 0.00003 + 0.000007 + 0.0000006$$

7. 6.4607579

$$6 + 0.4 + 0.06 + 0.0007 + 0.00005 + 0.000007 + 0.0000009$$

8. 8.7367883

$$8 + 0.7 + 0.03 + 0.006 + 0.0007 + 0.00008 + 0.000008 + 0.0000003$$

9. 4.1332101

$$4 + 0.1 + 0.03 + 0.003 + 0.0002 + 0.00001 + 0.0000001$$

10. 2.5486818

$$2 + 0.5 + 0.04 + 0.008 + 0.0006 + 0.00008 + 0.000001 + 0.0000008$$

## Expanded Form With Decimals (D)

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

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

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

1. 4.4679082
2. 4.8175417
3. 9.8644968
4. 3.8709358
5. 4.6306976
6. 8.0208178
7. 2.7065432
8. 7.7961805
9. 4.5223404
10. 5.6099356

## Expanded Form With Decimals (D) Answers

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

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

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

1. 4.4679082

$$4 + 0.4 + 0.06 + 0.007 + 0.0009 + 0.000008 + 0.0000002$$

2. 4.8175417

$$4 + 0.8 + 0.01 + 0.007 + 0.0005 + 0.00004 + 0.000001 + 0.0000007$$

3. 9.8644968

$$9 + 0.8 + 0.06 + 0.004 + 0.0004 + 0.00009 + 0.000006 + 0.0000008$$

4. 3.8709358

$$3 + 0.8 + 0.07 + 0.0009 + 0.00003 + 0.000005 + 0.0000008$$

5. 4.6306976

$$4 + 0.6 + 0.03 + 0.0006 + 0.00009 + 0.000007 + 0.0000006$$

6. 8.0208178

$$8 + 0.02 + 0.0008 + 0.00001 + 0.000007 + 0.0000008$$

7. 2.7065432

$$2 + 0.7 + 0.006 + 0.0005 + 0.00004 + 0.000003 + 0.0000002$$

8. 7.7961805

$$7 + 0.7 + 0.09 + 0.006 + 0.0001 + 0.00008 + 0.0000005$$

9. 4.5223404

$$4 + 0.5 + 0.02 + 0.002 + 0.0003 + 0.00004 + 0.0000004$$

10. 5.6099356

$$5 + 0.6 + 0.009 + 0.0009 + 0.00003 + 0.000005 + 0.0000006$$



## Expanded Form With Decimals (E)

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

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

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

1. 7.0839862
2. 1.7685736
3. 8.9328584
4. 1.0302517
5. 5.4069247
6. 4.6073256
7. 1.4924219
8. 9.9919968
9. 7.5220245
10. 1.6767847

## Expanded Form With Decimals (E) Answers

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

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

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

1. 7.0839862

$$7 + 0.08 + 0.003 + 0.0009 + 0.00008 + 0.000006 + 0.0000002$$

2. 1.7685736

$$1 + 0.7 + 0.06 + 0.008 + 0.0005 + 0.00007 + 0.000003 + 0.0000006$$

3. 8.9328584

$$8 + 0.9 + 0.03 + 0.002 + 0.0008 + 0.00005 + 0.000008 + 0.0000004$$

4. 1.0302517

$$1 + 0.03 + 0.0002 + 0.00005 + 0.000001 + 0.0000007$$

5. 5.4069247

$$5 + 0.4 + 0.006 + 0.0009 + 0.00002 + 0.000004 + 0.0000007$$

6. 4.6073256

$$4 + 0.6 + 0.007 + 0.0003 + 0.00002 + 0.000005 + 0.0000006$$

7. 1.4924219

$$1 + 0.4 + 0.09 + 0.002 + 0.0004 + 0.00002 + 0.000001 + 0.0000009$$

8. 9.9919968

$$9 + 0.9 + 0.09 + 0.001 + 0.0009 + 0.00009 + 0.000006 + 0.0000008$$

9. 7.5220245

$$7 + 0.5 + 0.02 + 0.002 + 0.00002 + 0.000004 + 0.0000005$$

10. 1.6767847

$$1 + 0.6 + 0.07 + 0.006 + 0.0007 + 0.00008 + 0.000004 + 0.0000007$$

## Expanded Form With Decimals (F)

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

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

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

1. 2.1661081
2. 5.6414814
3. 8.2917569
4. 6.1197294
5. 6.4739421
6. 7.8787306
7. 5.7155747
8. 3.3081713
9. 5.8941021
10. 7.2794412

## Expanded Form With Decimals (F) Answers

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

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

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

1. 2.1661081

$$2 + 0.1 + 0.06 + 0.006 + 0.0001 + 0.000008 + 0.0000001$$

2. 5.6414814

$$5 + 0.6 + 0.04 + 0.001 + 0.0004 + 0.00008 + 0.000001 + 0.0000004$$

3. 8.2917569

$$8 + 0.2 + 0.09 + 0.001 + 0.0007 + 0.00005 + 0.000006 + 0.0000009$$

4. 6.1197294

$$6 + 0.1 + 0.01 + 0.009 + 0.0007 + 0.00002 + 0.000009 + 0.0000004$$

5. 6.4739421

$$6 + 0.4 + 0.07 + 0.003 + 0.0009 + 0.00004 + 0.000002 + 0.0000001$$

6. 7.8787306

$$7 + 0.8 + 0.07 + 0.008 + 0.0007 + 0.00003 + 0.0000006$$

7. 5.7155747

$$5 + 0.7 + 0.01 + 0.005 + 0.0005 + 0.00007 + 0.000004 + 0.0000007$$

8. 3.3081713

$$3 + 0.3 + 0.008 + 0.0001 + 0.00007 + 0.000001 + 0.0000003$$

9. 5.8941021

$$5 + 0.8 + 0.09 + 0.004 + 0.0001 + 0.000002 + 0.0000001$$

10. 7.2794412

$$7 + 0.2 + 0.07 + 0.009 + 0.0004 + 0.00004 + 0.000001 + 0.0000002$$

## Expanded Form With Decimals (G)

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

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

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

1. 3.8974398
2. 9.6730565
3. 3.0953454
4. 3.6845845
5. 5.5273912
6. 2.9288184
7. 4.2585011
8. 4.4330427
9. 3.0663278
10. 6.7642343

## Expanded Form With Decimals (G) Answers

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

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

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

1. **3.8974398**

$$3 + 0.8 + 0.09 + 0.007 + 0.0004 + 0.00003 + 0.000009 + 0.0000008$$

2. **9.6730565**

$$9 + 0.6 + 0.07 + 0.003 + 0.00005 + 0.000006 + 0.0000005$$

3. **3.0953454**

$$3 + 0.09 + 0.005 + 0.0003 + 0.00004 + 0.000005 + 0.0000004$$

4. **3.6845845**

$$3 + 0.6 + 0.08 + 0.004 + 0.0005 + 0.00008 + 0.000004 + 0.0000005$$

5. **5.5273912**

$$5 + 0.5 + 0.02 + 0.007 + 0.0003 + 0.00009 + 0.000001 + 0.0000002$$

6. **2.9288184**

$$2 + 0.9 + 0.02 + 0.008 + 0.0008 + 0.00001 + 0.000008 + 0.0000004$$

7. **4.2585011**

$$4 + 0.2 + 0.05 + 0.008 + 0.0005 + 0.000001 + 0.0000001$$

8. **4.4330427**

$$4 + 0.4 + 0.03 + 0.003 + 0.00004 + 0.000002 + 0.0000007$$

9. **3.0663278**

$$3 + 0.06 + 0.006 + 0.0003 + 0.00002 + 0.000007 + 0.0000008$$

10. **6.7642343**

$$6 + 0.7 + 0.06 + 0.004 + 0.0002 + 0.00003 + 0.000004 + 0.0000003$$

## Expanded Form With Decimals (H)

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

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

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

1. 5.7514422
2. 8.7343546
3. 1.9126796
4. 6.3558292
5. 7.3890662
6. 7.5697222
7. 3.2227258
8. 1.1104757
9. 6.8255985
10. 8.2263071

## Expanded Form With Decimals (H) Answers

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

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

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

1. 5.7514422

$$5 + 0.7 + 0.05 + 0.001 + 0.0004 + 0.00004 + 0.000002 + 0.0000002$$

2. 8.7343546

$$8 + 0.7 + 0.03 + 0.004 + 0.0003 + 0.00005 + 0.000004 + 0.0000006$$

3. 1.9126796

$$1 + 0.9 + 0.01 + 0.002 + 0.0006 + 0.00007 + 0.000009 + 0.0000006$$

4. 6.3558292

$$6 + 0.3 + 0.05 + 0.005 + 0.0008 + 0.00002 + 0.000009 + 0.0000002$$

5. 7.3890662

$$7 + 0.3 + 0.08 + 0.009 + 0.00006 + 0.000006 + 0.0000002$$

6. 7.5697222

$$7 + 0.5 + 0.06 + 0.009 + 0.0007 + 0.00002 + 0.000002 + 0.0000002$$

7. 3.2227258

$$3 + 0.2 + 0.02 + 0.002 + 0.0007 + 0.00002 + 0.000005 + 0.0000008$$

8. 1.1104757

$$1 + 0.1 + 0.01 + 0.0004 + 0.00007 + 0.000005 + 0.0000007$$

9. 6.8255985

$$6 + 0.8 + 0.02 + 0.005 + 0.0005 + 0.00009 + 0.000008 + 0.0000005$$

10. 8.2263071

$$8 + 0.2 + 0.02 + 0.006 + 0.0003 + 0.000007 + 0.0000001$$



## Expanded Form With Decimals (I)

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

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

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

1. 9.1410027

2. 8.3896267

3. 3.4400241

4. 4.7407437

5. 9.2045894

6. 6.4179988

7. 4.7327354

8. 5.5374769

9. 5.2885782

10. 3.9854204

## Expanded Form With Decimals (I) Answers

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

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

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

1. 9.1410027

$$9 + 0.1 + 0.04 + 0.001 + 0.000002 + 0.0000007$$

2. 8.3896267

$$8 + 0.3 + 0.08 + 0.009 + 0.0006 + 0.00002 + 0.000006 + 0.0000007$$

3. 3.4400241

$$3 + 0.4 + 0.04 + 0.00002 + 0.000004 + 0.0000001$$

4. 4.7407437

$$4 + 0.7 + 0.04 + 0.0007 + 0.00004 + 0.000003 + 0.0000007$$

5. 9.2045894

$$9 + 0.2 + 0.004 + 0.0005 + 0.00008 + 0.000009 + 0.0000004$$

6. 6.4179988

$$6 + 0.4 + 0.01 + 0.007 + 0.0009 + 0.00009 + 0.000008 + 0.0000008$$

7. 4.7327354

$$4 + 0.7 + 0.03 + 0.002 + 0.0007 + 0.00003 + 0.000005 + 0.0000004$$

8. 5.5374769

$$5 + 0.5 + 0.03 + 0.007 + 0.0004 + 0.00007 + 0.000006 + 0.0000009$$

9. 5.2885782

$$5 + 0.2 + 0.08 + 0.008 + 0.0005 + 0.00007 + 0.000008 + 0.0000002$$

10. 3.9854204

$$3 + 0.9 + 0.08 + 0.005 + 0.0004 + 0.00002 + 0.0000004$$

## Expanded Form With Decimals (J)

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

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

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

1. 2.7103802
2. 7.5023148
3. 5.8298117
4. 7.6023018
5. 6.5957198
6. 6.8331724
7. 6.6218868
8. 9.3821642
9. 7.6145839
10. 3.3758961

## Expanded Form With Decimals (J) Answers

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

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

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

1. 2.7103802

$$2 + 0.7 + 0.01 + 0.0003 + 0.00008 + 0.0000002$$

2. 7.5023148

$$7 + 0.5 + 0.002 + 0.0003 + 0.00001 + 0.000004 + 0.0000008$$

3. 5.8298117

$$5 + 0.8 + 0.02 + 0.009 + 0.0008 + 0.00001 + 0.000001 + 0.0000007$$

4. 7.6023018

$$7 + 0.6 + 0.002 + 0.0003 + 0.000001 + 0.0000008$$

5. 6.5957198

$$6 + 0.5 + 0.09 + 0.005 + 0.0007 + 0.00001 + 0.000009 + 0.0000008$$

6. 6.8331724

$$6 + 0.8 + 0.03 + 0.003 + 0.0001 + 0.00007 + 0.000002 + 0.0000004$$

7. 6.6218868

$$6 + 0.6 + 0.02 + 0.001 + 0.0008 + 0.00008 + 0.000006 + 0.0000008$$

8. 9.3821642

$$9 + 0.3 + 0.08 + 0.002 + 0.0001 + 0.00006 + 0.000004 + 0.0000002$$

9. 7.6145839

$$7 + 0.6 + 0.01 + 0.004 + 0.0005 + 0.00008 + 0.000003 + 0.0000009$$

10. 3.3758961

$$3 + 0.3 + 0.07 + 0.005 + 0.0008 + 0.00009 + 0.000006 + 0.0000001$$