

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(7 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (9 \times 10^{-3})$

2. $(1 \times 10^0) + (3 \times 10^{-2}) + (5 \times 10^{-3})$

3. $(9 \times 10^0) + (1 \times 10^{-1}) + (9 \times 10^{-2}) + (4 \times 10^{-3})$

4. $(4 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (6 \times 10^{-3})$

5. $(4 \times 10^0) + (1 \times 10^{-1}) + (4 \times 10^{-2}) + (5 \times 10^{-3})$

6. $(9 \times 10^0) + (3 \times 10^{-1}) + (7 \times 10^{-2}) + (2 \times 10^{-3})$

7. $(4 \times 10^0) + (5 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3})$

8. $(8 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (5 \times 10^{-3})$

9. $(1 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (7 \times 10^{-3})$

10. $(9 \times 10^0) + (5 \times 10^{-1}) + (2 \times 10^{-2}) + (6 \times 10^{-3})$

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(7 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (9 \times 10^{-3})$

7.459

2. $(1 \times 10^0) + (3 \times 10^{-2}) + (5 \times 10^{-3})$

1.035

3. $(9 \times 10^0) + (1 \times 10^{-1}) + (9 \times 10^{-2}) + (4 \times 10^{-3})$

9.194

4. $(4 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (6 \times 10^{-3})$

4.456

5. $(4 \times 10^0) + (1 \times 10^{-1}) + (4 \times 10^{-2}) + (5 \times 10^{-3})$

4.145

6. $(9 \times 10^0) + (3 \times 10^{-1}) + (7 \times 10^{-2}) + (2 \times 10^{-3})$

9.372

7. $(4 \times 10^0) + (5 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3})$

4.536

8. $(8 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (5 \times 10^{-3})$

8.985

9. $(1 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (7 \times 10^{-3})$

1.547

10. $(9 \times 10^0) + (5 \times 10^{-1}) + (2 \times 10^{-2}) + (6 \times 10^{-3})$

9.526

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(6 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (7 \times 10^{-3})$

2. $(5 \times 10^0) + (8 \times 10^{-1}) + (3 \times 10^{-2}) + (3 \times 10^{-3})$

3. $(3 \times 10^0) + (3 \times 10^{-1}) + (6 \times 10^{-2}) + (8 \times 10^{-3})$

4. $(2 \times 10^0) + (7 \times 10^{-1}) + (9 \times 10^{-2}) + (4 \times 10^{-3})$

5. $(2 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (1 \times 10^{-3})$

6. $(5 \times 10^0) + (5 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-3})$

7. $(9 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-3})$

8. $(1 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3})$

9. $(3 \times 10^0) + (7 \times 10^{-1}) + (7 \times 10^{-2}) + (4 \times 10^{-3})$

10. $(5 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-3})$

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(6 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (7 \times 10^{-3})$

6.457

2. $(5 \times 10^0) + (8 \times 10^{-1}) + (3 \times 10^{-2}) + (3 \times 10^{-3})$

5.833

3. $(3 \times 10^0) + (3 \times 10^{-1}) + (6 \times 10^{-2}) + (8 \times 10^{-3})$

3.368

4. $(2 \times 10^0) + (7 \times 10^{-1}) + (9 \times 10^{-2}) + (4 \times 10^{-3})$

2.794

5. $(2 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (1 \times 10^{-3})$

2.611

6. $(5 \times 10^0) + (5 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-3})$

5.517

7. $(9 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-3})$

9.206

8. $(1 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3})$

1.455

9. $(3 \times 10^0) + (7 \times 10^{-1}) + (7 \times 10^{-2}) + (4 \times 10^{-3})$

3.774

10. $(5 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-3})$

5.206

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(9 \times 10^0) + (6 \times 10^{-1}) + (4 \times 10^{-3})$

2. $(6 \times 10^0) + (8 \times 10^{-1}) + (9 \times 10^{-2}) + (3 \times 10^{-3})$

3. $(8 \times 10^0) + (6 \times 10^{-1}) + (4 \times 10^{-2}) + (5 \times 10^{-3})$

4. $(2 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3})$

5. $(8 \times 10^0) + (1 \times 10^{-1}) + (6 \times 10^{-2}) + (5 \times 10^{-3})$

6. $(5 \times 10^0) + (7 \times 10^{-2}) + (3 \times 10^{-3})$

7. $(9 \times 10^0) + (9 \times 10^{-1}) + (4 \times 10^{-2}) + (1 \times 10^{-3})$

8. $(6 \times 10^0) + (2 \times 10^{-2}) + (6 \times 10^{-3})$

9. $(6 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (2 \times 10^{-3})$

10. $(3 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (5 \times 10^{-3})$

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(9 \times 10^0) + (6 \times 10^{-1}) + (4 \times 10^{-3})$

9.604

2. $(6 \times 10^0) + (8 \times 10^{-1}) + (9 \times 10^{-2}) + (3 \times 10^{-3})$

6.893

3. $(8 \times 10^0) + (6 \times 10^{-1}) + (4 \times 10^{-2}) + (5 \times 10^{-3})$

8.645

4. $(2 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3})$

2.679

5. $(8 \times 10^0) + (1 \times 10^{-1}) + (6 \times 10^{-2}) + (5 \times 10^{-3})$

8.165

6. $(5 \times 10^0) + (7 \times 10^{-2}) + (3 \times 10^{-3})$

5.073

7. $(9 \times 10^0) + (9 \times 10^{-1}) + (4 \times 10^{-2}) + (1 \times 10^{-3})$

9.941

8. $(6 \times 10^0) + (2 \times 10^{-2}) + (6 \times 10^{-3})$

6.026

9. $(6 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (2 \times 10^{-3})$

6.912

10. $(3 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (5 \times 10^{-3})$

3.125

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(3 \times 10^0) + (7 \times 10^{-1}) + (4 \times 10^{-2}) + (9 \times 10^{-3})$

2. $(6 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

3. $(6 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (4 \times 10^{-3})$

4. $(7 \times 10^0) + (3 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-3})$

5. $(7 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3})$

6. $(7 \times 10^0) + (9 \times 10^{-2}) + (3 \times 10^{-3})$

7. $(8 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (9 \times 10^{-3})$

8. $(4 \times 10^0) + (5 \times 10^{-2}) + (4 \times 10^{-3})$

9. $(1 \times 10^0) + (3 \times 10^{-1}) + (8 \times 10^{-2}) + (6 \times 10^{-3})$

10. $(6 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3})$

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(3 \times 10^0) + (7 \times 10^{-1}) + (4 \times 10^{-2}) + (9 \times 10^{-3})$

3.749

2. $(6 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

6.113

3. $(6 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (4 \times 10^{-3})$

6.614

4. $(7 \times 10^0) + (3 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-3})$

7.377

5. $(7 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3})$

7.988

6. $(7 \times 10^0) + (9 \times 10^{-2}) + (3 \times 10^{-3})$

7.093

7. $(8 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (9 \times 10^{-3})$

8.239

8. $(4 \times 10^0) + (5 \times 10^{-2}) + (4 \times 10^{-3})$

4.054

9. $(1 \times 10^0) + (3 \times 10^{-1}) + (8 \times 10^{-2}) + (6 \times 10^{-3})$

1.386

10. $(6 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3})$

6.188

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(6 \times 10^0) + (6 \times 10^{-1}) + (9 \times 10^{-3})$

2. $(7 \times 10^0) + (4 \times 10^{-1}) + (6 \times 10^{-2}) + (2 \times 10^{-3})$

3. $(9 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (9 \times 10^{-3})$

4. $(6 \times 10^0) + (3 \times 10^{-1}) + (9 \times 10^{-2}) + (3 \times 10^{-3})$

5. $(6 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$

6. $(9 \times 10^0) + (1 \times 10^{-2}) + (9 \times 10^{-3})$

7. $(4 \times 10^0) + (2 \times 10^{-1}) + (8 \times 10^{-2}) + (9 \times 10^{-3})$

8. $(1 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

9. $(6 \times 10^0) + (3 \times 10^{-1}) + (4 \times 10^{-2}) + (9 \times 10^{-3})$

10. $(8 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(6 \times 10^0) + (6 \times 10^{-1}) + (9 \times 10^{-3})$

6.609

2. $(7 \times 10^0) + (4 \times 10^{-1}) + (6 \times 10^{-2}) + (2 \times 10^{-3})$

7.462

3. $(9 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (9 \times 10^{-3})$

9.889

4. $(6 \times 10^0) + (3 \times 10^{-1}) + (9 \times 10^{-2}) + (3 \times 10^{-3})$

6.393

5. $(6 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$

6.983

6. $(9 \times 10^0) + (1 \times 10^{-2}) + (9 \times 10^{-3})$

9.019

7. $(4 \times 10^0) + (2 \times 10^{-1}) + (8 \times 10^{-2}) + (9 \times 10^{-3})$

4.289

8. $(1 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

1.253

9. $(6 \times 10^0) + (3 \times 10^{-1}) + (4 \times 10^{-2}) + (9 \times 10^{-3})$

6.349

10. $(8 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

8.113

Expanded to Standard Form With Decimals (F)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(6 \times 10^0) + (7 \times 10^{-3})$

2. $(8 \times 10^0) + (5 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3})$

3. $(2 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3})$

4. $(2 \times 10^0) + (9 \times 10^{-1}) + (3 \times 10^{-2}) + (2 \times 10^{-3})$

5. $(9 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (1 \times 10^{-3})$

6. $(5 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-3})$

7. $(6 \times 10^0) + (4 \times 10^{-1}) + (6 \times 10^{-2}) + (9 \times 10^{-3})$

8. $(9 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (2 \times 10^{-3})$

9. $(2 \times 10^0) + (6 \times 10^{-1}) + (2 \times 10^{-2}) + (7 \times 10^{-3})$

10. $(5 \times 10^0) + (1 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-3})$

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(6 \times 10^0) + (7 \times 10^{-3})$

6.007

2. $(8 \times 10^0) + (5 \times 10^{-1}) + (7 \times 10^{-2}) + (9 \times 10^{-3})$

8.579

3. $(2 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3})$

2.919

4. $(2 \times 10^0) + (9 \times 10^{-1}) + (3 \times 10^{-2}) + (2 \times 10^{-3})$

2.932

5. $(9 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (1 \times 10^{-3})$

9.451

6. $(5 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-3})$

5.205

7. $(6 \times 10^0) + (4 \times 10^{-1}) + (6 \times 10^{-2}) + (9 \times 10^{-3})$

6.469

8. $(9 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (2 \times 10^{-3})$

9.122

9. $(2 \times 10^0) + (6 \times 10^{-1}) + (2 \times 10^{-2}) + (7 \times 10^{-3})$

2.627

10. $(5 \times 10^0) + (1 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-3})$

5.175

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(9 \times 10^0) + (4 \times 10^{-1}) + (9 \times 10^{-3})$

2. $(4 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (5 \times 10^{-3})$

3. $(3 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (4 \times 10^{-3})$

4. $(7 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

5. $(6 \times 10^0) + (2 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-3})$

6. $(7 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-3})$

7. $(2 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (4 \times 10^{-3})$

8. $(5 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (1 \times 10^{-3})$

9. $(1 \times 10^0) + (7 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3})$

10. $(3 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (8 \times 10^{-3})$

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(9 \times 10^0) + (4 \times 10^{-1}) + (9 \times 10^{-3})$

9.409

2. $(4 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (5 \times 10^{-3})$

4.885

3. $(3 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (4 \times 10^{-3})$

3.234

4. $(7 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

7.453

5. $(6 \times 10^0) + (2 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-3})$

6.277

6. $(7 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-3})$

7.203

7. $(2 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (4 \times 10^{-3})$

2.544

8. $(5 \times 10^0) + (2 \times 10^{-1}) + (3 \times 10^{-2}) + (1 \times 10^{-3})$

5.231

9. $(1 \times 10^0) + (7 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3})$

1.719

10. $(3 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (8 \times 10^{-3})$

3.918

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(5 \times 10^0) + (6 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$

2. $(9 \times 10^0) + (8 \times 10^{-1}) + (6 \times 10^{-3})$

3. $(5 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3})$

4. $(9 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-2}) + (1 \times 10^{-3})$

5. $(5 \times 10^0) + (4 \times 10^{-1}) + (3 \times 10^{-2}) + (8 \times 10^{-3})$

6. $(5 \times 10^0) + (8 \times 10^{-1}) + (6 \times 10^{-3})$

7. $(7 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$

8. $(9 \times 10^0) + (5 \times 10^{-1}) + (3 \times 10^{-2}) + (5 \times 10^{-3})$

9. $(2 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (6 \times 10^{-3})$

10. $(5 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-3})$

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(5 \times 10^0) + (6 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$

5.682

2. $(9 \times 10^0) + (8 \times 10^{-1}) + (6 \times 10^{-3})$

9.806

3. $(5 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3})$

5.788

4. $(9 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-2}) + (1 \times 10^{-3})$

9.261

5. $(5 \times 10^0) + (4 \times 10^{-1}) + (3 \times 10^{-2}) + (8 \times 10^{-3})$

5.438

6. $(5 \times 10^0) + (8 \times 10^{-1}) + (6 \times 10^{-3})$

5.806

7. $(7 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$

7.982

8. $(9 \times 10^0) + (5 \times 10^{-1}) + (3 \times 10^{-2}) + (5 \times 10^{-3})$

9.535

9. $(2 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (6 \times 10^{-3})$

2.456

10. $(5 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-3})$

5.708

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(3 \times 10^0) + (7 \times 10^{-1}) + (1 \times 10^{-2}) + (2 \times 10^{-3})$

2. $(1 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

3. $(1 \times 10^0) + (8 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3})$

4. $(1 \times 10^0) + (4 \times 10^{-1}) + (2 \times 10^{-2}) + (7 \times 10^{-3})$

5. $(3 \times 10^0) + (7 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3})$

6. $(1 \times 10^0) + (7 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

7. $(1 \times 10^0) + (2 \times 10^{-1}) + (9 \times 10^{-2}) + (6 \times 10^{-3})$

8. $(2 \times 10^0) + (5 \times 10^{-1}) + (2 \times 10^{-3})$

9. $(5 \times 10^0) + (9 \times 10^{-2}) + (2 \times 10^{-3})$

10. $(9 \times 10^0) + (3 \times 10^{-1}) + (2 \times 10^{-2}) + (9 \times 10^{-3})$

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(3 \times 10^0) + (7 \times 10^{-1}) + (1 \times 10^{-2}) + (2 \times 10^{-3})$

3.712

2. $(1 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

1.913

3. $(1 \times 10^0) + (8 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3})$

1.823

4. $(1 \times 10^0) + (4 \times 10^{-1}) + (2 \times 10^{-2}) + (7 \times 10^{-3})$

1.427

5. $(3 \times 10^0) + (7 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3})$

3.723

6. $(1 \times 10^0) + (7 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3})$

1.713

7. $(1 \times 10^0) + (2 \times 10^{-1}) + (9 \times 10^{-2}) + (6 \times 10^{-3})$

1.296

8. $(2 \times 10^0) + (5 \times 10^{-1}) + (2 \times 10^{-3})$

2.502

9. $(5 \times 10^0) + (9 \times 10^{-2}) + (2 \times 10^{-3})$

5.092

10. $(9 \times 10^0) + (3 \times 10^{-1}) + (2 \times 10^{-2}) + (9 \times 10^{-3})$

9.329

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(1 \times 10^0) + (4 \times 10^{-1}) + (1 \times 10^{-3})$

2. $(6 \times 10^0) + (1 \times 10^{-1}) + (5 \times 10^{-2}) + (8 \times 10^{-3})$

3. $(2 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$

4. $(1 \times 10^0) + (9 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3})$

5. $(9 \times 10^0) + (7 \times 10^{-1}) + (4 \times 10^{-2}) + (7 \times 10^{-3})$

6. $(9 \times 10^0) + (4 \times 10^{-1}) + (9 \times 10^{-2}) + (1 \times 10^{-3})$

7. $(7 \times 10^0) + (2 \times 10^{-1}) + (8 \times 10^{-2}) + (5 \times 10^{-3})$

8. $(9 \times 10^0) + (3 \times 10^{-1}) + (3 \times 10^{-2}) + (9 \times 10^{-3})$

9. $(6 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (4 \times 10^{-3})$

10. $(4 \times 10^0) + (3 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(1 \times 10^0) + (4 \times 10^{-1}) + (1 \times 10^{-3})$

1.401

2. $(6 \times 10^0) + (1 \times 10^{-1}) + (5 \times 10^{-2}) + (8 \times 10^{-3})$

6.158

3. $(2 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$

2.783

4. $(1 \times 10^0) + (9 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3})$

1.936

5. $(9 \times 10^0) + (7 \times 10^{-1}) + (4 \times 10^{-2}) + (7 \times 10^{-3})$

9.747

6. $(9 \times 10^0) + (4 \times 10^{-1}) + (9 \times 10^{-2}) + (1 \times 10^{-3})$

9.491

7. $(7 \times 10^0) + (2 \times 10^{-1}) + (8 \times 10^{-2}) + (5 \times 10^{-3})$

7.285

8. $(9 \times 10^0) + (3 \times 10^{-1}) + (3 \times 10^{-2}) + (9 \times 10^{-3})$

9.339

9. $(6 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (4 \times 10^{-3})$

6.614

10. $(4 \times 10^0) + (3 \times 10^{-1}) + (5 \times 10^{-2}) + (3 \times 10^{-3})$

4.353