

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

3. $(7 \times 10^0) + (5 \times 10^{-1}) + (8 \times 10^{-2}) + (1 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-5})$

4. $(2 \times 10^0) + (3 \times 10^{-1}) + (6 \times 10^{-2}) + (9 \times 10^{-3}) + (8 \times 10^{-4}) + (9 \times 10^{-5})$

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

6. $(4 \times 10^0) + (5 \times 10^{-2}) + (7 \times 10^{-3}) + (8 \times 10^{-4}) + (4 \times 10^{-5})$

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

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

9. $(5 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-4}) + (4 \times 10^{-5})$

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

6.92056

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

6.57114

3. $(7 \times 10^0) + (5 \times 10^{-1}) + (8 \times 10^{-2}) + (1 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-5})$

7.58145

4. $(2 \times 10^0) + (3 \times 10^{-1}) + (6 \times 10^{-2}) + (9 \times 10^{-3}) + (8 \times 10^{-4}) + (9 \times 10^{-5})$

2.36989

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

2.86432

6. $(4 \times 10^0) + (5 \times 10^{-2}) + (7 \times 10^{-3}) + (8 \times 10^{-4}) + (4 \times 10^{-5})$

4.05784

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

5.41442

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

2.36511

9. $(5 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-4}) + (4 \times 10^{-5})$

5.67074

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

9.75708

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

- $(3 \times 10^0) + (9 \times 10^{-1}) + (4 \times 10^{-2}) + (7 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-5})$
- $(2 \times 10^0) + (5 \times 10^{-1}) + (5 \times 10^{-2}) + (2 \times 10^{-3}) + (3 \times 10^{-4}) + (7 \times 10^{-5})$
- $(4 \times 10^0) + (9 \times 10^{-1}) + (4 \times 10^{-3}) + (8 \times 10^{-4}) + (6 \times 10^{-5})$
- $(6 \times 10^0) + (5 \times 10^{-2}) + (9 \times 10^{-3}) + (7 \times 10^{-4}) + (2 \times 10^{-5})$
- $(6 \times 10^0) + (5 \times 10^{-1}) + (2 \times 10^{-2}) + (7 \times 10^{-3}) + (2 \times 10^{-4}) + (4 \times 10^{-5})$
- $(5 \times 10^0) + (5 \times 10^{-1}) + (3 \times 10^{-3}) + (9 \times 10^{-4}) + (1 \times 10^{-5})$
- $(9 \times 10^0) + (1 \times 10^{-2}) + (8 \times 10^{-3}) + (7 \times 10^{-4}) + (8 \times 10^{-5})$
- $(4 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (5 \times 10^{-3}) + (6 \times 10^{-4}) + (6 \times 10^{-5})$
- $(8 \times 10^0) + (7 \times 10^{-1}) + (3 \times 10^{-2}) + (8 \times 10^{-3}) + (5 \times 10^{-4}) + (7 \times 10^{-5})$
- $(4 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (2 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5})$

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

3.94745

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

2.55237

3. $(4 \times 10^0) + (9 \times 10^{-1}) + (4 \times 10^{-3}) + (8 \times 10^{-4}) + (6 \times 10^{-5})$

4.90486

4. $(6 \times 10^0) + (5 \times 10^{-2}) + (9 \times 10^{-3}) + (7 \times 10^{-4}) + (2 \times 10^{-5})$

6.05972

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

6.52724

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

5.50391

7. $(9 \times 10^0) + (1 \times 10^{-2}) + (8 \times 10^{-3}) + (7 \times 10^{-4}) + (8 \times 10^{-5})$

9.01878

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

4.11566

9. $(8 \times 10^0) + (7 \times 10^{-1}) + (3 \times 10^{-2}) + (8 \times 10^{-3}) + (5 \times 10^{-4}) + (7 \times 10^{-5})$

8.73857

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

4.91216

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

- $(8 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (1 \times 10^{-3}) + (9 \times 10^{-4}) + (1 \times 10^{-5})$
- $(6 \times 10^0) + (2 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-3}) + (1 \times 10^{-4}) + (9 \times 10^{-5})$
- $(5 \times 10^0) + (8 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3}) + (1 \times 10^{-4}) + (4 \times 10^{-5})$
- $(3 \times 10^0) + (7 \times 10^{-1}) + (9 \times 10^{-2}) + (6 \times 10^{-3}) + (3 \times 10^{-4}) + (6 \times 10^{-5})$
- $(4 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-4}) + (6 \times 10^{-5})$
- $(7 \times 10^0) + (6 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3}) + (1 \times 10^{-4}) + (8 \times 10^{-5})$
- $(6 \times 10^0) + (9 \times 10^{-2}) + (5 \times 10^{-4}) + (9 \times 10^{-5})$
- $(6 \times 10^0) + (3 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3}) + (5 \times 10^{-4}) + (5 \times 10^{-5})$
- $(9 \times 10^0) + (8 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3}) + (3 \times 10^{-4}) + (2 \times 10^{-5})$
- $(4 \times 10^0) + (5 \times 10^{-1}) + (5 \times 10^{-2}) + (7 \times 10^{-3}) + (7 \times 10^{-4}) + (3 \times 10^{-5})$

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(8 \times 10^0) + (5 \times 10^{-1}) + (4 \times 10^{-2}) + (1 \times 10^{-3}) + (9 \times 10^{-4}) + (1 \times 10^{-5})$

8.54191

2. $(6 \times 10^0) + (2 \times 10^{-1}) + (7 \times 10^{-2}) + (7 \times 10^{-3}) + (1 \times 10^{-4}) + (9 \times 10^{-5})$

6.27719

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

5.83614

4. $(3 \times 10^0) + (7 \times 10^{-1}) + (9 \times 10^{-2}) + (6 \times 10^{-3}) + (3 \times 10^{-4}) + (6 \times 10^{-5})$

3.79636

5. $(4 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-4}) + (6 \times 10^{-5})$

4.90086

6. $(7 \times 10^0) + (6 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3}) + (1 \times 10^{-4}) + (8 \times 10^{-5})$

7.62318

7. $(6 \times 10^0) + (9 \times 10^{-2}) + (5 \times 10^{-4}) + (9 \times 10^{-5})$

6.09059

8. $(6 \times 10^0) + (3 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3}) + (5 \times 10^{-4}) + (5 \times 10^{-5})$

6.31955

9. $(9 \times 10^0) + (8 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3}) + (3 \times 10^{-4}) + (2 \times 10^{-5})$

9.85532

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

4.55773

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(5 \times 10^0) + (7 \times 10^{-2}) + (2 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5})$

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

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

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

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

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

7. $(6 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3}) + (9 \times 10^{-4}) + (2 \times 10^{-5})$

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

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

10. $(6 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5})$

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(5 \times 10^0) + (7 \times 10^{-2}) + (2 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5})$

5.07296

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

2.68386

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

6.74134

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

5.41305

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

5.51961

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

3.16515

7. $(6 \times 10^0) + (2 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3}) + (9 \times 10^{-4}) + (2 \times 10^{-5})$

6.25592

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

8.82344

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

5.13472

10. $(6 \times 10^0) + (1 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5})$

6.18298

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(5 \times 10^0) + (4 \times 10^{-1}) + (9 \times 10^{-2}) + (4 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5})$
2. $(5 \times 10^0) + (1 \times 10^{-1}) + (4 \times 10^{-2}) + (1 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-5})$
3. $(8 \times 10^0) + (7 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3}) + (7 \times 10^{-4}) + (3 \times 10^{-5})$
4. $(9 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (8 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5})$
5. $(9 \times 10^0) + (7 \times 10^{-1}) + (9 \times 10^{-2}) + (9 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5})$
6. $(4 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3}) + (7 \times 10^{-4}) + (7 \times 10^{-5})$
7. $(3 \times 10^0) + (3 \times 10^{-2}) + (4 \times 10^{-3}) + (7 \times 10^{-4}) + (9 \times 10^{-5})$
8. $(5 \times 10^0) + (2 \times 10^{-1}) + (6 \times 10^{-3}) + (1 \times 10^{-4}) + (3 \times 10^{-5})$
9. $(4 \times 10^0) + (9 \times 10^{-1}) + (9 \times 10^{-2}) + (1 \times 10^{-3}) + (6 \times 10^{-4}) + (5 \times 10^{-5})$
10. $(4 \times 10^0) + (3 \times 10^{-1}) + (5 \times 10^{-2}) + (5 \times 10^{-3}) + (5 \times 10^{-4}) + (2 \times 10^{-5})$

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

5.49496

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

5.14145

3. $(8 \times 10^0) + (7 \times 10^{-1}) + (3 \times 10^{-2}) + (6 \times 10^{-3}) + (7 \times 10^{-4}) + (3 \times 10^{-5})$

8.73673

4. $(9 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (8 \times 10^{-3}) + (9 \times 10^{-4}) + (8 \times 10^{-5})$

9.91898

5. $(9 \times 10^0) + (7 \times 10^{-1}) + (9 \times 10^{-2}) + (9 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5})$

9.79916

6. $(4 \times 10^0) + (7 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3}) + (7 \times 10^{-4}) + (7 \times 10^{-5})$

4.78277

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

3.03479

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

5.20613

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

4.99165

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

4.35552

Expanded to Standard Form With Decimals (F)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

2. $(5 \times 10^0) + (8 \times 10^{-2}) + (7 \times 10^{-4}) + (2 \times 10^{-5})$

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

4. $(7 \times 10^0) + (2 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (3 \times 10^{-4}) + (6 \times 10^{-5})$

5. $(5 \times 10^0) + (8 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-4}) + (7 \times 10^{-5})$

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

7. $(6 \times 10^0) + (5 \times 10^{-1}) + (9 \times 10^{-2}) + (9 \times 10^{-3}) + (2 \times 10^{-4}) + (1 \times 10^{-5})$

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

9. $(7 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-3}) + (7 \times 10^{-4}) + (7 \times 10^{-5})$

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

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

9.54522

2. $(5 \times 10^0) + (8 \times 10^{-2}) + (7 \times 10^{-4}) + (2 \times 10^{-5})$

5.08072

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

3.95527

4. $(7 \times 10^0) + (2 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (3 \times 10^{-4}) + (6 \times 10^{-5})$

7.28836

5. $(5 \times 10^0) + (8 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-4}) + (7 \times 10^{-5})$

5.81077

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

1.95994

7. $(6 \times 10^0) + (5 \times 10^{-1}) + (9 \times 10^{-2}) + (9 \times 10^{-3}) + (2 \times 10^{-4}) + (1 \times 10^{-5})$

6.59921

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

5.08431

9. $(7 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-3}) + (7 \times 10^{-4}) + (7 \times 10^{-5})$

7.90877

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

3.16472

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

7. $(8 \times 10^0) + (4 \times 10^{-2}) + (7 \times 10^{-3}) + (1 \times 10^{-4}) + (7 \times 10^{-5})$

8. $(7 \times 10^0) + (4 \times 10^{-1}) + (7 \times 10^{-2}) + (1 \times 10^{-3}) + (1 \times 10^{-4}) + (1 \times 10^{-5})$

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

10. $(1 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-3}) + (1 \times 10^{-4}) + (8 \times 10^{-5})$

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

6.42722

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

6.30688

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

7.22611

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

6.95919

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

1.57801

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

3.32416

7. $(8 \times 10^0) + (4 \times 10^{-2}) + (7 \times 10^{-3}) + (1 \times 10^{-4}) + (7 \times 10^{-5})$

8.04717

8. $(7 \times 10^0) + (4 \times 10^{-1}) + (7 \times 10^{-2}) + (1 \times 10^{-3}) + (1 \times 10^{-4}) + (1 \times 10^{-5})$

7.47111

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

1.66331

10. $(1 \times 10^0) + (6 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-3}) + (1 \times 10^{-4}) + (8 \times 10^{-5})$

1.61718

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

4. $(1 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (4 \times 10^{-3}) + (7 \times 10^{-4}) + (6 \times 10^{-5})$

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

6. $(9 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (6 \times 10^{-3}) + (5 \times 10^{-4}) + (9 \times 10^{-5})$

7. $(3 \times 10^0) + (6 \times 10^{-1}) + (6 \times 10^{-2}) + (1 \times 10^{-3}) + (7 \times 10^{-4}) + (8 \times 10^{-5})$

8. $(9 \times 10^0) + (8 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-4}) + (1 \times 10^{-5})$

9. $(8 \times 10^0) + (9 \times 10^{-1}) + (3 \times 10^{-3}) + (6 \times 10^{-4}) + (2 \times 10^{-5})$

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

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

5.25492

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

9.53721

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

6.86252

4. $(1 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (4 \times 10^{-3}) + (7 \times 10^{-4}) + (6 \times 10^{-5})$

1.98476

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

1.77397

6. $(9 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (6 \times 10^{-3}) + (5 \times 10^{-4}) + (9 \times 10^{-5})$

9.67659

7. $(3 \times 10^0) + (6 \times 10^{-1}) + (6 \times 10^{-2}) + (1 \times 10^{-3}) + (7 \times 10^{-4}) + (8 \times 10^{-5})$

3.66178

8. $(9 \times 10^0) + (8 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-4}) + (1 \times 10^{-5})$

9.87051

9. $(8 \times 10^0) + (9 \times 10^{-1}) + (3 \times 10^{-3}) + (6 \times 10^{-4}) + (2 \times 10^{-5})$

8.90362

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

7.04413

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(8 \times 10^0) + (8 \times 10^{-1}) + (3 \times 10^{-2}) + (7 \times 10^{-3}) + (5 \times 10^{-4}) + (9 \times 10^{-5})$

2. $(1 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (4 \times 10^{-4}) + (9 \times 10^{-5})$

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

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

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

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

7. $(8 \times 10^0) + (3 \times 10^{-2}) + (3 \times 10^{-3}) + (8 \times 10^{-4}) + (5 \times 10^{-5})$

8. $(7 \times 10^0) + (4 \times 10^{-1}) + (2 \times 10^{-3}) + (2 \times 10^{-4}) + (6 \times 10^{-5})$

9. $(9 \times 10^0) + (2 \times 10^{-2}) + (8 \times 10^{-3}) + (1 \times 10^{-4}) + (3 \times 10^{-5})$

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

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(8 \times 10^0) + (8 \times 10^{-1}) + (3 \times 10^{-2}) + (7 \times 10^{-3}) + (5 \times 10^{-4}) + (9 \times 10^{-5})$

8.83759

2. $(1 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (8 \times 10^{-3}) + (4 \times 10^{-4}) + (9 \times 10^{-5})$

1.98849

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

4.51414

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

2.46384

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

9.17209

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

3.05156

7. $(8 \times 10^0) + (3 \times 10^{-2}) + (3 \times 10^{-3}) + (8 \times 10^{-4}) + (5 \times 10^{-5})$

8.03385

8. $(7 \times 10^0) + (4 \times 10^{-1}) + (2 \times 10^{-3}) + (2 \times 10^{-4}) + (6 \times 10^{-5})$

7.40226

9. $(9 \times 10^0) + (2 \times 10^{-2}) + (8 \times 10^{-3}) + (1 \times 10^{-4}) + (3 \times 10^{-5})$

9.02813

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

1.10061

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

- $(1 \times 10^0) + (3 \times 10^{-1}) + (6 \times 10^{-2}) + (9 \times 10^{-3}) + (5 \times 10^{-4}) + (3 \times 10^{-5})$
- $(8 \times 10^0) + (1 \times 10^{-1}) + (9 \times 10^{-3}) + (6 \times 10^{-4}) + (1 \times 10^{-5})$
- $(7 \times 10^0) + (9 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5})$
- $(2 \times 10^0) + (4 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3}) + (6 \times 10^{-4}) + (3 \times 10^{-5})$
- $(5 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (7 \times 10^{-3}) + (8 \times 10^{-4}) + (2 \times 10^{-5})$
- $(8 \times 10^0) + (8 \times 10^{-1}) + (2 \times 10^{-2}) + (9 \times 10^{-3}) + (5 \times 10^{-4}) + (7 \times 10^{-5})$
- $(1 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (4 \times 10^{-3}) + (3 \times 10^{-5})$
- $(7 \times 10^0) + (1 \times 10^{-1}) + (4 \times 10^{-3}) + (2 \times 10^{-5})$
- $(3 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (9 \times 10^{-3}) + (5 \times 10^{-5})$
- $(3 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3}) + (2 \times 10^{-4}) + (9 \times 10^{-5})$

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

1.36953

2. $(8 \times 10^0) + (1 \times 10^{-1}) + (9 \times 10^{-3}) + (6 \times 10^{-4}) + (1 \times 10^{-5})$

8.10961

3. $(7 \times 10^0) + (9 \times 10^{-1}) + (2 \times 10^{-2}) + (3 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5})$

7.92316

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

2.41963

5. $(5 \times 10^0) + (9 \times 10^{-1}) + (8 \times 10^{-2}) + (7 \times 10^{-3}) + (8 \times 10^{-4}) + (2 \times 10^{-5})$

5.98782

6. $(8 \times 10^0) + (8 \times 10^{-1}) + (2 \times 10^{-2}) + (9 \times 10^{-3}) + (5 \times 10^{-4}) + (7 \times 10^{-5})$

8.82957

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

1.12403

8. $(7 \times 10^0) + (1 \times 10^{-1}) + (4 \times 10^{-3}) + (2 \times 10^{-5})$

7.10402

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

3.91905

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

3.12329