

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(1 \times 1) + (5 \times 0.1) + (7 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$
- $(8 \times 1) + (7 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (7 \times 0.00001) + (7 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$
- $(6 \times 1) + (8 \times 0.1) + (5 \times 0.01) + (4 \times 0.001) + (9 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.000001) + (1 \times 0.0000001) + (3 \times 0.00000001) + (7 \times 0.000000001)$
- $(8 \times 1) + (3 \times 0.1) + (5 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$
- $(1 \times 1) + (4 \times 0.1) + (7 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.000001) + (5 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$
- $(5 \times 1) + (4 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (9 \times 0.0000001) + (5 \times 0.00000001)$
- $(2 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (5 \times 0.001) + (7 \times 0.0001) + (4 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (4 \times 0.00000001) + (9 \times 0.000000001)$
- $(8 \times 1) + (8 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$
- $(6 \times 1) + (8 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (7 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$
- $(5 \times 1) + (7 \times 0.1) + (6 \times 0.001) + (4 \times 0.0001) + (8 \times 0.00001) + (1 \times 0.000001) + (4 \times 0.0000001) + (5 \times 0.00000001) + (6 \times 0.000000001)$

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(1 \times 1) + (5 \times 0.1) + (7 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$

1.575835665

2. $(8 \times 1) + (7 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (7 \times 0.00001) + (7 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$

8.079977319

3. $(6 \times 1) + (8 \times 0.1) + (5 \times 0.01) + (4 \times 0.001) + (9 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.000001) + (1 \times 0.0000001) + (3 \times 0.00000001) + (7 \times 0.000000001)$

6.854915137

4. $(8 \times 1) + (3 \times 0.1) + (5 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$

8.355812894

5. $(1 \times 1) + (4 \times 0.1) + (7 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.000001) + (5 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$

1.473625591

6. $(5 \times 1) + (4 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (9 \times 0.0000001) + (5 \times 0.00000001)$

5.045806395

7. $(2 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (5 \times 0.001) + (7 \times 0.0001) + (4 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (4 \times 0.00000001) + (9 \times 0.000000001)$

2.895748449

8. $(8 \times 1) + (8 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$

8.885843819

9. $(6 \times 1) + (8 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (7 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$

6.088537182

10. $(5 \times 1) + (7 \times 0.1) + (6 \times 0.001) + (4 \times 0.0001) + (8 \times 0.00001) + (1 \times 0.000001) + (4 \times 0.0000001) + (5 \times 0.00000001) + (6 \times 0.000000001)$

5.706481456

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(2 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (3 \times 0.001) + (9 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001) + (8 \times 0.000000001)$
- $(9 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (1 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$
- $(5 \times 1) + (8 \times 0.01) + (5 \times 0.001) + (6 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (1 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$
- $(1 \times 1) + (9 \times 0.1) + (4 \times 0.01) + (6 \times 0.001) + (2 \times 0.0001) + (2 \times 0.00001) + (6 \times 0.000001) + (7 \times 0.0000001) + (5 \times 0.00000001) + (6 \times 0.000000001)$
- $(1 \times 1) + (3 \times 0.1) + (5 \times 0.01) + (8 \times 0.001) + (1 \times 0.0001) + (1 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (9 \times 0.00000001) + (7 \times 0.000000001)$
- $(7 \times 1) + (9 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (4 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.0000001) + (1 \times 0.00000001)$
- $(3 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (8 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001)$
- $(2 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (2 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (4 \times 0.0000001) + (2 \times 0.00000001) + (5 \times 0.000000001)$
- $(1 \times 1) + (2 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (3 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (2 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$
- $(6 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (1 \times 0.0001) + (3 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (9 \times 0.000000001)$

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(2 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (3 \times 0.001) + (9 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001) + (8 \times 0.000000001)$

2.323986778

2. $(9 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (1 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$

9.217511182

3. $(5 \times 1) + (8 \times 0.01) + (5 \times 0.001) + (6 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (1 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$

5.085683166

4. $(1 \times 1) + (9 \times 0.1) + (4 \times 0.01) + (6 \times 0.001) + (2 \times 0.0001) + (2 \times 0.00001) + (6 \times 0.000001) + (7 \times 0.0000001) + (5 \times 0.00000001) + (6 \times 0.000000001)$

1.946226756

5. $(1 \times 1) + (3 \times 0.1) + (5 \times 0.01) + (8 \times 0.001) + (1 \times 0.0001) + (1 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (9 \times 0.00000001) + (7 \times 0.000000001)$

1.358118797

6. $(7 \times 1) + (9 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (4 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.0000001) + (1 \times 0.00000001)$

7.991402051

7. $(3 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (8 \times 0.000001) + (9 \times 0.00000001) + (8 \times 0.000000001)$

3.120000898

8. $(2 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (2 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (4 \times 0.0000001) + (2 \times 0.00000001) + (5 \times 0.000000001)$

2.212543425

9. $(1 \times 1) + (2 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (3 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (2 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$

1.285386282

10. $(6 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (1 \times 0.0001) + (3 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (9 \times 0.000000001)$

6.216138729

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(8 \times 1) + (6 \times 0.001) + (4 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (9 \times 0.00000001) + (2 \times 0.000000001)$
- $(7 \times 1) + (9 \times 0.01) + (5 \times 0.001) + (5 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (9 \times 0.000000001)$
- $(5 \times 1) + (7 \times 0.1) + (6 \times 0.01) + (7 \times 0.001) + (6 \times 0.00001) + (6 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (9 \times 0.000000001)$
- $(2 \times 1) + (6 \times 0.1) + (6 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.00000001) + (2 \times 0.000000001)$
- $(8 \times 1) + (9 \times 0.01) + (9 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (8 \times 0.000001) + (6 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$
- $(7 \times 1) + (8 \times 0.1) + (6 \times 0.01) + (2 \times 0.001) + (4 \times 0.0001) + (1 \times 0.00001) + (6 \times 0.000001) + (5 \times 0.0000001) + (7 \times 0.00000001) + (8 \times 0.000000001)$
- $(9 \times 1) + (3 \times 0.1) + (8 \times 0.01) + (6 \times 0.001) + (7 \times 0.0001) + (2 \times 0.00001) + (9 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (5 \times 0.000000001)$
- $(5 \times 1) + (7 \times 0.01) + (2 \times 0.001) + (6 \times 0.00001) + (3 \times 0.000001) + (9 \times 0.0000001) + (2 \times 0.00000001) + (1 \times 0.000000001)$
- $(4 \times 1) + (9 \times 0.1) + (2 \times 0.01) + (2 \times 0.001) + (2 \times 0.00001) + (4 \times 0.000001) + (3 \times 0.0000001) + (8 \times 0.00000001) + (9 \times 0.000000001)$
- $(2 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (4 \times 0.001) + (1 \times 0.0001) + (8 \times 0.00001) + (4 \times 0.000001) + (7 \times 0.0000001) + (8 \times 0.00000001) + (3 \times 0.000000001)$

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(8 \times 1) + (6 \times 0.001) + (4 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (9 \times 0.00000001) + (2 \times 0.000000001)$

8.006412392

2. $(7 \times 1) + (9 \times 0.01) + (5 \times 0.001) + (5 \times 0.00001) + (1 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001)$

7.095005189

3. $(5 \times 1) + (7 \times 0.1) + (6 \times 0.01) + (7 \times 0.001) + (6 \times 0.00001) + (6 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (9 \times 0.000000001)$

5.767066269

4. $(2 \times 1) + (6 \times 0.1) + (6 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.00000001) + (2 \times 0.000000001)$

2.669972312

5. $(8 \times 1) + (9 \times 0.01) + (9 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (8 \times 0.000001) + (6 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$

8.099518691

6. $(7 \times 1) + (8 \times 0.1) + (6 \times 0.01) + (2 \times 0.001) + (4 \times 0.0001) + (1 \times 0.00001) + (6 \times 0.000001) + (5 \times 0.0000001) + (7 \times 0.00000001) + (8 \times 0.000000001)$

7.862416578

7. $(9 \times 1) + (3 \times 0.1) + (8 \times 0.01) + (6 \times 0.001) + (7 \times 0.0001) + (2 \times 0.00001) + (9 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (5 \times 0.000000001)$

9.386729725

8. $(5 \times 1) + (7 \times 0.01) + (2 \times 0.001) + (6 \times 0.00001) + (3 \times 0.000001) + (9 \times 0.0000001) + (2 \times 0.00000001) + (1 \times 0.000000001)$

5.072063921

9. $(4 \times 1) + (9 \times 0.1) + (2 \times 0.01) + (2 \times 0.001) + (2 \times 0.00001) + (4 \times 0.000001) + (3 \times 0.0000001) + (8 \times 0.00000001) + (9 \times 0.000000001)$

4.922024389

10. $(2 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (4 \times 0.001) + (1 \times 0.0001) + (8 \times 0.00001) + (4 \times 0.000001) + (7 \times 0.0000001) + (8 \times 0.00000001) + (3 \times 0.000000001)$

2.324184783

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(7 \times 1) + (4 \times 0.1) + (6 \times 0.01) + (4 \times 0.001) + (1 \times 0.0001) + (3 \times 0.000001) + (8 \times 0.0000001) + (4 \times 0.00000001) + (9 \times 0.000000001)$
- $(9 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (1 \times 0.001) + (8 \times 0.0001) + (9 \times 0.00001) + (8 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$
- $(7 \times 1) + (7 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (7 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$
- $(7 \times 1) + (6 \times 0.1) + (5 \times 0.01) + (9 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (7 \times 0.0000001) + (8 \times 0.00000001)$
- $(7 \times 1) + (7 \times 0.1) + (7 \times 0.01) + (4 \times 0.001) + (3 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.0000001) + (2 \times 0.00000001) + (2 \times 0.000000001)$
- $(5 \times 1) + (3 \times 0.1) + (6 \times 0.01) + (5 \times 0.001) + (9 \times 0.0001) + (2 \times 0.000001) + (6 \times 0.0000001) + (6 \times 0.00000001) + (7 \times 0.000000001)$
- $(2 \times 1) + (8 \times 0.1) + (2 \times 0.01) + (3 \times 0.00001) + (5 \times 0.000001) + (9 \times 0.0000001) + (5 \times 0.00000001) + (2 \times 0.000000001)$
- $(3 \times 1) + (2 \times 0.1) + (8 \times 0.01) + (6 \times 0.001) + (9 \times 0.0001) + (1 \times 0.00001) + (1 \times 0.000001) + (1 \times 0.0000001) + (2 \times 0.00000001) + (5 \times 0.000000001)$
- $(4 \times 1) + (9 \times 0.1) + (4 \times 0.01) + (2 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (6 \times 0.000001) + (7 \times 0.0000001) + (3 \times 0.00000001) + (1 \times 0.000000001)$
- $(4 \times 1) + (8 \times 0.1) + (6 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (1 \times 0.00000001) + (1 \times 0.000000001)$

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(7 \times 1) + (4 \times 0.1) + (6 \times 0.01) + (4 \times 0.001) + (1 \times 0.0001) + (3 \times 0.000001) + (8 \times 0.0000001) + (4 \times 0.00000001) + (9 \times 0.000000001)$

7.464103849

2. $(9 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (1 \times 0.001) + (8 \times 0.0001) + (9 \times 0.00001) + (8 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$

9.211898265

3. $(7 \times 1) + (7 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (7 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$

7.747573891

4. $(7 \times 1) + (6 \times 0.1) + (5 \times 0.01) + (9 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (7 \times 0.0000001) + (8 \times 0.00000001)$

7.650912708

5. $(7 \times 1) + (7 \times 0.1) + (7 \times 0.01) + (4 \times 0.001) + (3 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.0000001) + (2 \times 0.00000001) + (2 \times 0.000000001)$

7.774310522

6. $(5 \times 1) + (3 \times 0.1) + (6 \times 0.01) + (5 \times 0.001) + (9 \times 0.0001) + (2 \times 0.000001) + (6 \times 0.0000001) + (6 \times 0.00000001) + (7 \times 0.000000001)$

5.365902667

7. $(2 \times 1) + (8 \times 0.1) + (2 \times 0.01) + (3 \times 0.00001) + (5 \times 0.000001) + (9 \times 0.0000001) + (5 \times 0.00000001) + (2 \times 0.000000001)$

2.820035952

8. $(3 \times 1) + (2 \times 0.1) + (8 \times 0.01) + (6 \times 0.001) + (9 \times 0.0001) + (1 \times 0.00001) + (1 \times 0.000001) + (1 \times 0.0000001) + (2 \times 0.00000001) + (5 \times 0.000000001)$

3.286911125

9. $(4 \times 1) + (9 \times 0.1) + (4 \times 0.01) + (2 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (6 \times 0.000001) + (7 \times 0.0000001) + (3 \times 0.00000001) + (1 \times 0.000000001)$

4.942546731

10. $(4 \times 1) + (8 \times 0.1) + (6 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (1 \times 0.00000001) + (1 \times 0.000000001)$

4.868585611

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(6 \times 1) + (9 \times 0.1) + (3 \times 0.01) + (9 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$
- $(9 \times 1) + (3 \times 0.1) + (9 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$
- $(8 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (1 \times 0.000001) + (3 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$
- $(8 \times 1) + (4 \times 0.1) + (6 \times 0.001) + (6 \times 0.0001) + (8 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (8 \times 0.000000001)$
- $(9 \times 1) + (3 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (7 \times 0.00001) + (6 \times 0.000001) + (4 \times 0.0000001) + (3 \times 0.00000001) + (8 \times 0.000000001)$
- $(1 \times 1) + (6 \times 0.1) + (2 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001) + (9 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001)$
- $(1 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (2 \times 0.001) + (7 \times 0.0001) + (5 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (3 \times 0.00000001) + (2 \times 0.000000001)$
- $(6 \times 1) + (2 \times 0.1) + (6 \times 0.01) + (7 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.0000001) + (5 \times 0.00000001)$
- $(3 \times 1) + (7 \times 0.1) + (1 \times 0.01) + (2 \times 0.001) + (3 \times 0.0001) + (7 \times 0.00001) + (9 \times 0.000001) + (6 \times 0.0000001) + (4 \times 0.00000001) + (6 \times 0.000000001)$
- $(3 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (5 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (1 \times 0.00000001) + (8 \times 0.000000001)$

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(6 \times 1) + (9 \times 0.1) + (3 \times 0.01) + (9 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$

6.930094982

2. $(9 \times 1) + (3 \times 0.1) + (9 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$

9.393514094

3. $(8 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (1 \times 0.000001) + (3 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$

8.533541365

4. $(8 \times 1) + (4 \times 0.1) + (6 \times 0.001) + (6 \times 0.0001) + (8 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (8 \times 0.000000001)$

8.406687728

5. $(9 \times 1) + (3 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (7 \times 0.00001) + (6 \times 0.000001) + (4 \times 0.0000001) + (3 \times 0.00000001) + (8 \times 0.000000001)$

9.333576438

6. $(1 \times 1) + (6 \times 0.1) + (2 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001) + (9 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001)$

1.628589702

7. $(1 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (2 \times 0.001) + (7 \times 0.0001) + (5 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (3 \times 0.00000001) + (2 \times 0.000000001)$

1.532755632

8. $(6 \times 1) + (2 \times 0.1) + (6 \times 0.01) + (7 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.0000001) + (5 \times 0.00000001)$

6.267207025

9. $(3 \times 1) + (7 \times 0.1) + (1 \times 0.01) + (2 \times 0.001) + (3 \times 0.0001) + (7 \times 0.00001) + (9 \times 0.000001) + (6 \times 0.0000001) + (4 \times 0.00000001) + (6 \times 0.000000001)$

3.712379646

10. $(3 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (5 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (1 \times 0.00000001) + (8 \times 0.000000001)$

3.125533718

Expanded to Standard Form With Decimals (F)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(9 \times 1) + (6 \times 0.1) + (8 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (4 \times 0.0000001) + (9 \times 0.00000001) + (5 \times 0.000000001)$
- $(9 \times 1) + (8 \times 0.01) + (6 \times 0.001) + (8 \times 0.0001) + (2 \times 0.00001) + (6 \times 0.0000001) + (4 \times 0.00000001) + (2 \times 0.000000001)$
- $(2 \times 1) + (9 \times 0.1) + (3 \times 0.001) + (8 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (2 \times 0.0000001) + (5 \times 0.00000001) + (3 \times 0.000000001)$
- $(8 \times 1) + (6 \times 0.1) + (4 \times 0.01) + (1 \times 0.001) + (5 \times 0.00001) + (4 \times 0.0000001) + (1 \times 0.000000001)$
- $(2 \times 1) + (5 \times 0.1) + (9 \times 0.01) + (7 \times 0.0001) + (6 \times 0.00001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$
- $(1 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (9 \times 0.001) + (6 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.000000001)$
- $(4 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (6 \times 0.0000001) + (7 \times 0.00000001) + (3 \times 0.000000001)$
- $(2 \times 1) + (3 \times 0.1) + (4 \times 0.01) + (5 \times 0.001) + (5 \times 0.00001) + (5 \times 0.000001) + (2 \times 0.0000001) + (3 \times 0.00000001) + (4 \times 0.000000001)$
- $(1 \times 1) + (6 \times 0.1) + (7 \times 0.01) + (1 \times 0.001) + (4 \times 0.0001) + (4 \times 0.00001) + (5 \times 0.000001) + (3 \times 0.0000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$
- $(8 \times 1) + (1 \times 0.1) + (8 \times 0.01) + (9 \times 0.001) + (6 \times 0.00001) + (1 \times 0.000001) + (3 \times 0.0000001) + (5 \times 0.00000001) + (4 \times 0.000000001)$

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(9 \times 1) + (6 \times 0.1) + (8 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (4 \times 0.0000001) + (9 \times 0.00000001) + (5 \times 0.000000001)$

9.687535495

2. $(9 \times 1) + (8 \times 0.01) + (6 \times 0.001) + (8 \times 0.0001) + (2 \times 0.00001) + (6 \times 0.0000001) + (4 \times 0.00000001) + (2 \times 0.000000001)$

9.086820642

3. $(2 \times 1) + (9 \times 0.1) + (3 \times 0.001) + (8 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (2 \times 0.0000001) + (5 \times 0.00000001) + (3 \times 0.000000001)$

2.903899253

4. $(8 \times 1) + (6 \times 0.1) + (4 \times 0.01) + (1 \times 0.001) + (5 \times 0.00001) + (4 \times 0.0000001) + (1 \times 0.000000001)$

8.641050041

5. $(2 \times 1) + (5 \times 0.1) + (9 \times 0.01) + (7 \times 0.0001) + (6 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$

2.590706266

6. $(1 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (9 \times 0.001) + (6 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.000000001)$

1.329635301

7. $(4 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (6 \times 0.0000001) + (7 \times 0.00000001) + (3 \times 0.000000001)$

4.891272673

8. $(2 \times 1) + (3 \times 0.1) + (4 \times 0.01) + (5 \times 0.001) + (5 \times 0.00001) + (5 \times 0.000001) + (2 \times 0.0000001) + (3 \times 0.00000001) + (4 \times 0.000000001)$

2.345055234

9. $(1 \times 1) + (6 \times 0.1) + (7 \times 0.01) + (1 \times 0.001) + (4 \times 0.0001) + (4 \times 0.00001) + (5 \times 0.000001) + (3 \times 0.0000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$

1.671445394

10. $(8 \times 1) + (1 \times 0.1) + (8 \times 0.01) + (9 \times 0.001) + (6 \times 0.00001) + (1 \times 0.000001) + (3 \times 0.0000001) + (5 \times 0.00000001) + (4 \times 0.000000001)$

8.189061354

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(5 \times 1) + (9 \times 0.1) + (2 \times 0.01) + (7 \times 0.001) + (7 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (1 \times 0.00000001) + (6 \times 0.000000001)$
- $(3 \times 1) + (2 \times 0.1) + (9 \times 0.01) + (8 \times 0.001) + (1 \times 0.00001) + (8 \times 0.0000001) + (8 \times 0.000000001) + (5 \times 0.000000001)$
- $(2 \times 1) + (6 \times 0.1) + (6 \times 0.01) + (6 \times 0.001) + (6 \times 0.0001) + (7 \times 0.00001) + (9 \times 0.000001) + (8 \times 0.0000001) + (5 \times 0.00000001) + (3 \times 0.000000001)$
- $(9 \times 1) + (2 \times 0.1) + (5 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (7 \times 0.000001) + (6 \times 0.0000001) + (4 \times 0.00000001) + (4 \times 0.000000001)$
- $(7 \times 1) + (5 \times 0.01) + (6 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (1 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001) + (7 \times 0.000000001)$
- $(2 \times 1) + (7 \times 0.1) + (6 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (7 \times 0.0000001) + (4 \times 0.00000001) + (6 \times 0.000000001)$
- $(6 \times 1) + (7 \times 0.1) + (2 \times 0.01) + (7 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (8 \times 0.000000001)$
- $(6 \times 1) + (8 \times 0.1) + (2 \times 0.01) + (6 \times 0.001) + (6 \times 0.0001) + (9 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001)$
- $(9 \times 1) + (3 \times 0.1) + (8 \times 0.01) + (1 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (8 \times 0.000000001)$
- $(1 \times 1) + (1 \times 0.1) + (5 \times 0.01) + (1 \times 0.001) + (2 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (1 \times 0.00000001) + (2 \times 0.000000001)$

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(5 \times 1) + (9 \times 0.1) + (2 \times 0.01) + (7 \times 0.001) + (7 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (1 \times 0.00000001) + (6 \times 0.000000001)$

5.927786016

2. $(3 \times 1) + (2 \times 0.1) + (9 \times 0.01) + (8 \times 0.001) + (1 \times 0.00001) + (8 \times 0.0000001) + (8 \times 0.00000001) + (5 \times 0.000000001)$

3.298010885

3. $(2 \times 1) + (6 \times 0.1) + (6 \times 0.01) + (6 \times 0.001) + (6 \times 0.0001) + (7 \times 0.00001) + (9 \times 0.000001) + (8 \times 0.0000001) + (5 \times 0.00000001) + (3 \times 0.000000001)$

2.666679853

4. $(9 \times 1) + (2 \times 0.1) + (5 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (7 \times 0.000001) + (6 \times 0.0000001) + (4 \times 0.00000001) + (4 \times 0.000000001)$

9.257547644

5. $(7 \times 1) + (5 \times 0.01) + (6 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (1 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001) + (7 \times 0.000000001)$

7.056541987

6. $(2 \times 1) + (7 \times 0.1) + (6 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (7 \times 0.0000001) + (4 \times 0.00000001) + (6 \times 0.000000001)$

2.765872746

7. $(6 \times 1) + (7 \times 0.1) + (2 \times 0.01) + (7 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (2 \times 0.0000001) + (6 \times 0.00000001) + (8 \times 0.000000001)$

6.727272268

8. $(6 \times 1) + (8 \times 0.1) + (2 \times 0.01) + (6 \times 0.001) + (6 \times 0.0001) + (9 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001)$

6.826690877

9. $(9 \times 1) + (3 \times 0.1) + (8 \times 0.01) + (1 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (8 \times 0.000000001)$

9.381999188

10. $(1 \times 1) + (1 \times 0.1) + (5 \times 0.01) + (1 \times 0.001) + (2 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (1 \times 0.00000001) + (2 \times 0.000000001)$

1.151283712

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(2 \times 1) + (4 \times 0.1) + (3 \times 0.01) + (5 \times 0.001) + (2 \times 0.0001) + (8 \times 0.00001) + (7 \times 0.000001) + (5 \times 0.0000001) + (1 \times 0.00000001) + (7 \times 0.000000001)$
- $(7 \times 1) + (4 \times 0.1) + (5 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (5 \times 0.0000001) + (3 \times 0.00000001)$
- $(1 \times 1) + (7 \times 0.1) + (1 \times 0.01) + (9 \times 0.001) + (8 \times 0.0001) + (9 \times 0.00001) + (4 \times 0.000001) + (6 \times 0.0000001) + (7 \times 0.00000001)$
- $(4 \times 1) + (7 \times 0.1) + (3 \times 0.0001) + (2 \times 0.00001) + (3 \times 0.000001) + (1 \times 0.0000001) + (5 \times 0.00000001) + (7 \times 0.000000001)$
- $(8 \times 1) + (9 \times 0.01) + (9 \times 0.001) + (2 \times 0.0001) + (9 \times 0.00001) + (1 \times 0.000001) + (9 \times 0.0000001) + (6 \times 0.00000001) + (1 \times 0.000000001)$
- $(8 \times 1) + (1 \times 0.1) + (7 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.0000001) + (5 \times 0.00000001)$
- $(4 \times 1) + (3 \times 0.1) + (4 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (5 \times 0.00001) + (5 \times 0.000001) + (2 \times 0.0000001) + (2 \times 0.00000001)$
- $(3 \times 1) + (3 \times 0.1) + (4 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (2 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001)$
- $(7 \times 1) + (7 \times 0.1) + (8 \times 0.01) + (2 \times 0.001) + (4 \times 0.0001) + (7 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (8 \times 0.00000001) + (5 \times 0.000000001)$
- $(4 \times 1) + (8 \times 0.1) + (6 \times 0.01) + (2 \times 0.0001) + (8 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (3 \times 0.00000001) + (9 \times 0.000000001)$

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(2 \times 1) + (4 \times 0.1) + (3 \times 0.01) + (5 \times 0.001) + (2 \times 0.0001) + (8 \times 0.00001) + (7 \times 0.000001) + (5 \times 0.0000001) + (1 \times 0.00000001) + (7 \times 0.000000001)$

2.435287517

2. $(7 \times 1) + (4 \times 0.1) + (5 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (5 \times 0.0000001) + (3 \times 0.00000001)$

7.453663053

3. $(1 \times 1) + (7 \times 0.1) + (1 \times 0.01) + (9 \times 0.001) + (8 \times 0.0001) + (9 \times 0.00001) + (4 \times 0.000001) + (6 \times 0.0000001) + (7 \times 0.00000001)$

1.719089467

4. $(4 \times 1) + (7 \times 0.1) + (3 \times 0.0001) + (2 \times 0.00001) + (3 \times 0.000001) + (1 \times 0.0000001) + (5 \times 0.00000001) + (7 \times 0.000000001)$

4.700323157

5. $(8 \times 1) + (9 \times 0.01) + (9 \times 0.001) + (2 \times 0.0001) + (9 \times 0.00001) + (1 \times 0.000001) + (9 \times 0.0000001) + (6 \times 0.00000001) + (1 \times 0.000000001)$

8.099291961

6. $(8 \times 1) + (1 \times 0.1) + (7 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (8 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.0000001) + (5 \times 0.00000001)$

8.179986805

7. $(4 \times 1) + (3 \times 0.1) + (4 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (5 \times 0.00001) + (5 \times 0.000001) + (2 \times 0.0000001) + (2 \times 0.00000001)$

4.343550522

8. $(3 \times 1) + (3 \times 0.1) + (4 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (2 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001)$

3.343542018

9. $(7 \times 1) + (7 \times 0.1) + (8 \times 0.01) + (2 \times 0.001) + (4 \times 0.0001) + (7 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (8 \times 0.00000001) + (5 \times 0.000000001)$

7.782478485

10. $(4 \times 1) + (8 \times 0.1) + (6 \times 0.01) + (2 \times 0.0001) + (8 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (3 \times 0.00000001) + (9 \times 0.000000001)$

4.860285639

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(7 \times 1) + (7 \times 0.1) + (9 \times 0.01) + (3 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (2 \times 0.000000001)$
- $(3 \times 1) + (3 \times 0.1) + (6 \times 0.01) + (4 \times 0.001) + (6 \times 0.0001) + (5 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001) + (5 \times 0.000000001)$
- $(5 \times 1) + (1 \times 0.1) + (7 \times 0.01) + (2 \times 0.001) + (1 \times 0.0001) + (7 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001) + (1 \times 0.000000001)$
- $(7 \times 1) + (6 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (2 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (1 \times 0.00000001) + (2 \times 0.000000001)$
- $(5 \times 1) + (5 \times 0.1) + (2 \times 0.01) + (7 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.00000001) + (3 \times 0.000000001)$
- $(6 \times 1) + (9 \times 0.1) + (8 \times 0.01) + (8 \times 0.001) + (3 \times 0.0001) + (8 \times 0.000001) + (3 \times 0.00000001) + (3 \times 0.000000001)$
- $(7 \times 1) + (3 \times 0.1) + (9 \times 0.01) + (7 \times 0.001) + (4 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (8 \times 0.000000001)$
- $(6 \times 1) + (8 \times 0.01) + (3 \times 0.001) + (3 \times 0.0001) + (5 \times 0.00001) + (2 \times 0.000001) + (6 \times 0.0000001) + (9 \times 0.00000001) + (6 \times 0.000000001)$
- $(3 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (4 \times 0.001) + (3 \times 0.0001) + (6 \times 0.00001) + (5 \times 0.000001) + (5 \times 0.0000001) + (1 \times 0.00000001) + (7 \times 0.000000001)$
- $(9 \times 1) + (9 \times 0.1) + (7 \times 0.01) + (2 \times 0.001) + (9 \times 0.00001) + (8 \times 0.000001) + (8 \times 0.0000001) + (4 \times 0.00000001)$

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(7 \times 1) + (7 \times 0.1) + (9 \times 0.01) + (3 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (2 \times 0.000000001)$

7.790383802

2. $(3 \times 1) + (3 \times 0.1) + (6 \times 0.01) + (4 \times 0.001) + (6 \times 0.0001) + (5 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001) + (5 \times 0.000000001)$

3.364605775

3. $(5 \times 1) + (1 \times 0.1) + (7 \times 0.01) + (2 \times 0.001) + (1 \times 0.0001) + (7 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.0000001) + (7 \times 0.00000001) + (1 \times 0.000000001)$

5.172177771

4. $(7 \times 1) + (6 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (2 \times 0.0001) + (8 \times 0.00001) + (4 \times 0.000001) + (1 \times 0.0000001) + (2 \times 0.00000001)$

7.616028412

5. $(5 \times 1) + (5 \times 0.1) + (2 \times 0.01) + (7 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.0000001) + (3 \times 0.00000001)$

5.527997073

6. $(6 \times 1) + (9 \times 0.1) + (8 \times 0.01) + (8 \times 0.001) + (3 \times 0.0001) + (8 \times 0.000001) + (3 \times 0.0000001) + (3 \times 0.00000001)$

6.988300833

7. $(7 \times 1) + (3 \times 0.1) + (9 \times 0.01) + (7 \times 0.001) + (4 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (8 \times 0.00000001)$

7.397443708

8. $(6 \times 1) + (8 \times 0.01) + (3 \times 0.001) + (3 \times 0.0001) + (5 \times 0.00001) + (2 \times 0.000001) + (6 \times 0.0000001) + (9 \times 0.00000001) + (6 \times 0.000000001)$

6.083352696

9. $(3 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (4 \times 0.001) + (3 \times 0.0001) + (6 \times 0.00001) + (5 \times 0.000001) + (5 \times 0.0000001) + (1 \times 0.00000001) + (7 \times 0.000000001)$

3.894365517

10. $(9 \times 1) + (9 \times 0.1) + (7 \times 0.01) + (2 \times 0.001) + (9 \times 0.00001) + (8 \times 0.000001) + (8 \times 0.0000001) + (4 \times 0.00000001)$

9.972009884

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(1 \times 1) + (5 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (9 \times 0.0000001) + (4 \times 0.00000001) + (1 \times 0.000000001)$
- $(6 \times 1) + (1 \times 0.1) + (1 \times 0.01) + (9 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (6 \times 0.000001) + (6 \times 0.0000001) + (2 \times 0.00000001) + (9 \times 0.000000001)$
- $(6 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (2 \times 0.001) + (6 \times 0.0001) + (2 \times 0.00001) + (2 \times 0.000001) + (9 \times 0.0000001) + (1 \times 0.00000001) + (7 \times 0.000000001)$
- $(5 \times 1) + (5 \times 0.1) + (1 \times 0.01) + (1 \times 0.001) + (6 \times 0.0001) + (5 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.0000001) + (2 \times 0.00000001) + (2 \times 0.000000001)$
- $(7 \times 1) + (7 \times 0.1) + (8 \times 0.01) + (3 \times 0.001) + (1 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (6 \times 0.0000001) + (2 \times 0.00000001) + (3 \times 0.000000001)$
- $(6 \times 1) + (3 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (7 \times 0.0001) + (3 \times 0.00001) + (7 \times 0.000001) + (8 \times 0.0000001) + (8 \times 0.00000001)$
- $(1 \times 1) + (7 \times 0.1) + (9 \times 0.01) + (9 \times 0.001) + (4 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.000001) + (2 \times 0.0000001) + (5 \times 0.00000001) + (3 \times 0.000000001)$
- $(8 \times 1) + (8 \times 0.01) + (1 \times 0.001) + (8 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$
- $(8 \times 1) + (6 \times 0.1) + (4 \times 0.01) + (5 \times 0.001) + (1 \times 0.00001) + (5 \times 0.000001) + (1 \times 0.0000001) + (2 \times 0.00000001) + (1 \times 0.000000001)$
- $(2 \times 1) + (5 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (6 \times 0.00001) + (6 \times 0.000001) + (5 \times 0.0000001) + (3 \times 0.00000001) + (6 \times 0.000000001)$

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(1 \times 1) + (5 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (9 \times 0.0000001) + (4 \times 0.00000001) + (1 \times 0.000000001)$

1.585999941

2. $(6 \times 1) + (1 \times 0.1) + (1 \times 0.01) + (9 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (6 \times 0.000001) + (6 \times 0.0000001) + (2 \times 0.00000001) + (9 \times 0.000000001)$

6.119516629

3. $(6 \times 1) + (3 \times 0.1) + (2 \times 0.01) + (2 \times 0.001) + (6 \times 0.0001) + (2 \times 0.00001) + (2 \times 0.000001) + (9 \times 0.0000001) + (1 \times 0.00000001) + (7 \times 0.000000001)$

6.322622917

4. $(5 \times 1) + (5 \times 0.1) + (1 \times 0.01) + (1 \times 0.001) + (6 \times 0.0001) + (5 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.0000001) + (2 \times 0.00000001) + (2 \times 0.000000001)$

5.511656822

5. $(7 \times 1) + (7 \times 0.1) + (8 \times 0.01) + (3 \times 0.001) + (1 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (6 \times 0.0000001) + (2 \times 0.00000001) + (3 \times 0.000000001)$

7.783163623

6. $(6 \times 1) + (3 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (7 \times 0.0001) + (3 \times 0.00001) + (7 \times 0.000001) + (8 \times 0.0000001) + (8 \times 0.00000001)$

6.316737088

7. $(1 \times 1) + (7 \times 0.1) + (9 \times 0.01) + (9 \times 0.001) + (4 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.000001) + (2 \times 0.0000001) + (5 \times 0.00000001) + (3 \times 0.000000001)$

1.799415253

8. $(8 \times 1) + (8 \times 0.01) + (1 \times 0.001) + (8 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$

8.081082366

9. $(8 \times 1) + (6 \times 0.1) + (4 \times 0.01) + (5 \times 0.001) + (1 \times 0.00001) + (5 \times 0.000001) + (1 \times 0.0000001) + (2 \times 0.00000001) + (1 \times 0.000000001)$

8.645015121

10. $(2 \times 1) + (5 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (6 \times 0.00001) + (6 \times 0.000001) + (5 \times 0.0000001) + (3 \times 0.00000001) + (6 \times 0.000000001)$

2.591066536