

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

6.08643047

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

7.33320827

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

5.04398776

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

1.99595488

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

3.45769956

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

4.05158333

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

7.87091043

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

5.71264016

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

7.08208208

10. $(3 \times 1) + (9 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001) + (2 \times 0.000001) + (2 \times 0.0000001) + (3 \times 0.00000001)$

3.09858223