

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

4.7149438

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

4.5910312

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

2.2051463

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

4.1409191

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

3.5310667

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

7.7989733

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

5.8307753

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

8.9255893

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

8.5528911

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

3.8939798