

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

4.7949181

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

9.8221746

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

7.2156146

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

7.7324435

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

6.9747622

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

1.0305885

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

4.6487317

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

5.3801259

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

5.9276043

10. $(5 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (1 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (6 \times 0.0000001)$

5.2112726