

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