

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

3.57075625

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

6.78027302

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

3.88716209

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

1.69022058

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

7.38666838

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

5.19424318

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

7.50997935

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

7.70199867

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

3.87439247

10. $(6 \times 1) + (6 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) + (5 \times 0.0001) + (6 \times 0.00001) + (7 \times 0.000001) + (8 \times 0.0000001) + (1 \times 0.00000001)$

6.64756781