

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(5 \times 1) + (4 \times 0.01) + (1 \times 0.001) + (8 \times 0.0001) + (8 \times 0.00001) + (8 \times 0.000001) + (3 \times 0.00000001)$
- $(6 \times 1) + (9 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (4 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.000001) + (7 \times 0.00000001) + (7 \times 0.000000001)$
- $(3 \times 1) + (5 \times 0.1) + (5 \times 0.01) + (3 \times 0.001) + (4 \times 0.0001) + (7 \times 0.00001) + (8 \times 0.000001) + (3 \times 0.00000001) + (8 \times 0.000000001)$
- $(4 \times 1) + (2 \times 0.1) + (3 \times 0.01) + (4 \times 0.001) + (8 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (5 \times 0.00000001) + (7 \times 0.000000001)$
- $(6 \times 1) + (9 \times 0.1) + (7 \times 0.01) + (7 \times 0.001) + (4 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (6 \times 0.00000001) + (7 \times 0.000000001)$
- $(5 \times 1) + (9 \times 0.1) + (4 \times 0.01) + (7 \times 0.001) + (7 \times 0.0001) + (5 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.00000001) + (1 \times 0.000000001)$
- $(6 \times 1) + (2 \times 0.1) + (5 \times 0.001) + (5 \times 0.0001) + (7 \times 0.00001) + (6 \times 0.00000001) + (1 \times 0.000000001)$
- $(5 \times 1) + (9 \times 0.1) + (2 \times 0.01) + (6 \times 0.001) + (8 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001) + (5 \times 0.00000001) + (5 \times 0.000000001)$
- $(7 \times 1) + (1 \times 0.1) + (3 \times 0.01) + (2 \times 0.001) + (7 \times 0.0001) + (7 \times 0.000001) + (2 \times 0.00000001) + (7 \times 0.000000001)$
- $(8 \times 1) + (7 \times 0.1) + (5 \times 0.01) + (8 \times 0.001) + (9 \times 0.0001) + (8 \times 0.00001) + (5 \times 0.000001) + (4 \times 0.00000001) + (2 \times 0.000000001)$

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

5.04188803

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

6.99142577

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

3.55347838

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

4.23488357

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

6.97748367

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

5.94775681

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

6.20557061

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

5.92687255

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

7.13270727

10. $(8 \times 1) + (7 \times 0.1) + (5 \times 0.01) + (8 \times 0.001) + (9 \times 0.0001) + (8 \times 0.00001) + (5 \times 0.000001) + (4 \times 0.0000001) + (2 \times 0.00000001)$

8.75898542