

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

6.3888882

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

7.0835949

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

6.7668351

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

6.3892203

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

3.5648034

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

2.6861427

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

1.2156708

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

5.9915491

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

6.1165207

10. $(1 \times 1) + (5 \times 0.1) + (1 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (4 \times 0.00001) + (1 \times 0.000001) + (1 \times 0.0000001)$

1.5136411