

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(1 \times 1) + (5 \times 0.1) + (7 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$
- $(8 \times 1) + (7 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (7 \times 0.00001) + (7 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$
- $(6 \times 1) + (8 \times 0.1) + (5 \times 0.01) + (4 \times 0.001) + (9 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.000001) + (1 \times 0.0000001) + (3 \times 0.00000001) + (7 \times 0.000000001)$
- $(8 \times 1) + (3 \times 0.1) + (5 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$
- $(1 \times 1) + (4 \times 0.1) + (7 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.000001) + (5 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$
- $(5 \times 1) + (4 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (6 \times 0.00001) + (3 \times 0.000001) + (9 \times 0.0000001) + (5 \times 0.00000001)$
- $(2 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (5 \times 0.001) + (7 \times 0.0001) + (4 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (4 \times 0.00000001) + (9 \times 0.000000001)$
- $(8 \times 1) + (8 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$
- $(6 \times 1) + (8 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (7 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$
- $(5 \times 1) + (7 \times 0.1) + (6 \times 0.001) + (4 \times 0.0001) + (8 \times 0.00001) + (1 \times 0.000001) + (4 \times 0.0000001) + (5 \times 0.00000001) + (6 \times 0.000000001)$

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(1 \times 1) + (5 \times 0.1) + (7 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.0000001) + (6 \times 0.00000001) + (5 \times 0.000000001)$

1.575835665

2. $(8 \times 1) + (7 \times 0.01) + (9 \times 0.001) + (9 \times 0.0001) + (7 \times 0.00001) + (7 \times 0.000001) + (3 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$

8.079977319

3. $(6 \times 1) + (8 \times 0.1) + (5 \times 0.01) + (4 \times 0.001) + (9 \times 0.0001) + (1 \times 0.00001) + (5 \times 0.000001) + (1 \times 0.0000001) + (3 \times 0.00000001) + (7 \times 0.000000001)$

6.854915137

4. $(8 \times 1) + (3 \times 0.1) + (5 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (1 \times 0.00001) + (2 \times 0.000001) + (8 \times 0.0000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$

8.355812894

5. $(1 \times 1) + (4 \times 0.1) + (7 \times 0.01) + (3 \times 0.001) + (6 \times 0.0001) + (2 \times 0.00001) + (5 \times 0.000001) + (5 \times 0.0000001) + (9 \times 0.00000001) + (1 \times 0.000000001)$

1.473625591

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

5.045806395

7. $(2 \times 1) + (8 \times 0.1) + (9 \times 0.01) + (5 \times 0.001) + (7 \times 0.0001) + (4 \times 0.00001) + (8 \times 0.000001) + (4 \times 0.0000001) + (4 \times 0.00000001) + (9 \times 0.000000001)$

2.895748449

8. $(8 \times 1) + (8 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (8 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.000001) + (8 \times 0.0000001) + (1 \times 0.00000001) + (9 \times 0.000000001)$

8.885843819

9. $(6 \times 1) + (8 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (7 \times 0.000001) + (1 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$

6.088537182

10. $(5 \times 1) + (7 \times 0.1) + (6 \times 0.001) + (4 \times 0.0001) + (8 \times 0.00001) + (1 \times 0.000001) + (4 \times 0.0000001) + (5 \times 0.00000001) + (6 \times 0.000000001)$

5.706481456