

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

2.323986778

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

9.217511182

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

5.085683166

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

1.946226756

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

1.358118797

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

7.991402051

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

3.120000898

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

2.212543425

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

1.285386282

10. $(6 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (1 \times 0.0001) + (3 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001) + (2 \times 0.00000001) + (9 \times 0.000000001)$

6.216138729