

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

3.25992787

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

7.95100251

3. $(5 \times 1) + (2 \times 0.01) + (1 \times 0.0001) + (3 \times 0.0000001)$

5.02010003

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

5.85373112

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

1.85964795

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

2.30411975

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

1.36787458

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

4.49706107

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

4.49541675

10. $(8 \times 1) + (4 \times 0.1) + (3 \times 0.01) + (5 \times 0.0001) + (4 \times 0.00001) + (2 \times 0.000001) + (5 \times 0.0000001) + (4 \times 0.00000001)$

8.43054254