

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

9.68861578

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

6.98809975

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

2.28792514

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

9.74015512

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

6.18835391

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

1.36583837

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

1.69664512

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

4.15357991

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

2.30299732

10. $(8 \times 1) + (3 \times 0.1) + (1 \times 0.01) + (5 \times 0.001) + (9 \times 0.0001) + (3 \times 0.00001) + (4 \times 0.000001) + (7 \times 0.0000001) + (1 \times 0.00000001)$

8.31593471