

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

7.98461876

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

9.19960024

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

6.85018113

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

3.38350317

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

5.39395199

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

7.58592463

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

7.78828097

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

6.45951694

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

5.06947025

10. $(7 \times 1) + (9 \times 0.1) + (9 \times 0.01) + (6 \times 0.0001) + (3 \times 0.00001) + (5 \times 0.000001) + (8 \times 0.0000001)$

7.99060358