

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

5.927786016

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

3.298010885

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

2.666679853

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

9.257547644

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

7.056541987

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

2.765872746

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

6.727272268

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

6.826690877

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

9.381999188

10. $(1 \times 1) + (1 \times 0.1) + (5 \times 0.01) + (1 \times 0.001) + (2 \times 0.0001) + (8 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.0000001) + (1 \times 0.00000001) + (2 \times 0.000000001)$

1.151283712