

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

2.51004831

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

7.43320701

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

8.06454049

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

4.01519593

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

5.20176261

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

8.01688749

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

4.08386845

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

4.26928736

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

4.13583999

10. $(4 \times 1) + (8 \times 0.1) + (7 \times 0.01) + (4 \times 0.001) + (3 \times 0.0001) + (6 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.0000001) + (1 \times 0.00000001)$

4.87436681