

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(1 \times 1) + (5 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (9 \times 0.0001) + (9 \times 0.00001) + (9 \times 0.000001) + (9 \times 0.0000001) + (4 \times 0.00000001) + (1 \times 0.000000001)$

1.585999941

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

6.119516629

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

6.322622917

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

5.511656822

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

7.783163623

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

6.316737088

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

1.799415253

8. $(8 \times 1) + (8 \times 0.01) + (1 \times 0.001) + (8 \times 0.00001) + (2 \times 0.000001) + (3 \times 0.0000001) + (6 \times 0.00000001) + (6 \times 0.000000001)$

8.081082366

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

8.645015121

10. $(2 \times 1) + (5 \times 0.1) + (9 \times 0.01) + (1 \times 0.001) + (6 \times 0.00001) + (6 \times 0.000001) + (5 \times 0.0000001) + (3 \times 0.00000001) + (6 \times 0.000000001)$

2.591066536