

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

5.9568804

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

7.4959765

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

7.5185113

4. $(8 \times 1) + (1 \times 0.01) + (9 \times 0.001) + (2 \times 0.0001) + (8 \times 0.000001) + (6 \times 0.0000001)$

8.0192086

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

8.0498217

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

6.1237695

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

7.9421377

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

5.9151989

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

1.3329626

10. $(2 \times 1) + (5 \times 0.1) + (1 \times 0.01) + (5 \times 0.001) + (7 \times 0.0001) + (5 \times 0.00001) + (9 \times 0.0000001) + (7 \times 0.00000001)$

2.5157597