

## Expanded to Standard Form With Decimals (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded factors form decimal number to standard form.

- $(6 \times 1) + (9 \times 0.1) + (3 \times 0.01) + (9 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$
- $(9 \times 1) + (3 \times 0.1) + (9 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (1 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.00000001) + (4 \times 0.000000001)$
- $(8 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (1 \times 0.000001) + (3 \times 0.00000001) + (6 \times 0.000000001) + (5 \times 0.0000000001)$
- $(8 \times 1) + (4 \times 0.1) + (6 \times 0.001) + (6 \times 0.0001) + (8 \times 0.00001) + (7 \times 0.000001) + (7 \times 0.00000001) + (2 \times 0.000000001) + (8 \times 0.0000000001)$
- $(9 \times 1) + (3 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (5 \times 0.0001) + (7 \times 0.00001) + (6 \times 0.000001) + (4 \times 0.00000001) + (3 \times 0.000000001) + (8 \times 0.0000000001)$
- $(1 \times 1) + (6 \times 0.1) + (2 \times 0.01) + (8 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001) + (9 \times 0.000001) + (7 \times 0.00000001) + (2 \times 0.000000001)$
- $(1 \times 1) + (5 \times 0.1) + (3 \times 0.01) + (2 \times 0.001) + (7 \times 0.0001) + (5 \times 0.00001) + (5 \times 0.000001) + (6 \times 0.00000001) + (3 \times 0.000000001) + (2 \times 0.0000000001)$
- $(6 \times 1) + (2 \times 0.1) + (6 \times 0.01) + (7 \times 0.001) + (2 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.00000001) + (5 \times 0.000000001)$
- $(3 \times 1) + (7 \times 0.1) + (1 \times 0.01) + (2 \times 0.001) + (3 \times 0.0001) + (7 \times 0.00001) + (9 \times 0.000001) + (6 \times 0.00000001) + (4 \times 0.000000001) + (6 \times 0.0000000001)$
- $(3 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (5 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (3 \times 0.000001) + (7 \times 0.00000001) + (1 \times 0.000000001) + (8 \times 0.0000000001)$

## Expanded to Standard Form With Decimals (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Convert each expanded factors form decimal number to standard form.

1.  $(6 \times 1) + (9 \times 0.1) + (3 \times 0.01) + (9 \times 0.00001) + (4 \times 0.000001) + (9 \times 0.0000001) + (8 \times 0.00000001) + (2 \times 0.000000001)$

**6.930094982**

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

**9.393514094**

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

**8.533541365**

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

**8.406687728**

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

**9.333576438**

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

**1.628589702**

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

**1.532755632**

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

**6.267207025**

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

**3.712379646**

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

**3.125533718**