

## Expanded to Standard Form With Decimals (J)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(6 \times 1) + (4 \times 0.1) + (3 \times 0.01) + (3 \times 0.001) + (1 \times 0.00001) + (8 \times 0.000001) + (9 \times 0.0000001)$   
**6.4330189**

2.  $(3 \times 1) + (7 \times 0.1) + (2 \times 0.01) + (4 \times 0.001) + (2 \times 0.0001) + (4 \times 0.00001) + (5 \times 0.000001) + (7 \times 0.0000001)$   
**3.7242457**

3.  $(5 \times 1) + (6 \times 0.1) + (2 \times 0.001) + (1 \times 0.0001) + (6 \times 0.00001) + (6 \times 0.000001) + (8 \times 0.0000001)$   
**5.6021668**

4.  $(2 \times 1) + (8 \times 0.1) + (3 \times 0.01) + (5 \times 0.0001) + (4 \times 0.00001) + (3 \times 0.0000001)$   
**2.8305403**

5.  $(5 \times 1) + (2 \times 0.1) + (1 \times 0.01) + (1 \times 0.001) + (4 \times 0.0001) + (8 \times 0.00001) + (2 \times 0.000001) + (5 \times 0.0000001)$   
**5.2114825**

6.  $(6 \times 1) + (2 \times 0.1) + (8 \times 0.01) + (6 \times 0.001) + (2 \times 0.0001) + (1 \times 0.00001) + (6 \times 0.000001) + (3 \times 0.0000001)$   
**6.2862163**

7.  $(9 \times 1) + (1 \times 0.1) + (1 \times 0.01) + (2 \times 0.001) + (2 \times 0.0001) + (5 \times 0.00001) + (7 \times 0.000001) + (6 \times 0.0000001)$   
**9.1122576**

8.  $(7 \times 1) + (4 \times 0.1) + (8 \times 0.01) + (3 \times 0.001) + (1 \times 0.0001) + (9 \times 0.00001) + (6 \times 0.000001) + (9 \times 0.0000001)$   
**7.4831969**

9.  $(8 \times 1) + (8 \times 0.1) + (2 \times 0.01) + (5 \times 0.001) + (7 \times 0.0001) + (2 \times 0.00001) + (8 \times 0.000001) + (7 \times 0.0000001)$   
**8.8257287**

10.  $(3 \times 1) + (1 \times 0.1) + (4 \times 0.01) + (4 \times 0.001) + (5 \times 0.0001) + (6 \times 0.000001) + (9 \times 0.0000001)$   
**3.1445069**