

## Expanded to Standard Form With Decimals (H)

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

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

Convert each expanded factors form decimal number to standard form.

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

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

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

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

Convert each expanded factors form decimal number to standard form.

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

**6.6105827**

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

**3.4771614**

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

**2.2836843**

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

**4.2861078**

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

**1.8266023**

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

**5.1237444**

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

**1.8526582**

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

**9.9755609**

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

**4.5249491**

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

**4.4783043**