

## Expanded to Standard Form With Decimals (H)

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(6 \times 1) + (2 \times \frac{1}{100}) + (9 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000})$

2.  $(1 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000})$

3.  $(1 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000})$

4.  $(7 \times 1) + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000})$

5.  $(8 \times 1) + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (5 \times \frac{1}{10,000,000})$

6.  $(7 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (7 \times \frac{1}{100,000}) + (5 \times \frac{1}{10,000,000})$

7.  $(3 \times 1) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000})$

8.  $(6 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000})$

9.  $(9 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (3 \times \frac{1}{10,000,000})$

10.  $(8 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000})$

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

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

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

Convert each expanded factors form decimal number to standard form.

1.  $(6 \times 1) + (2 \times \frac{1}{100}) + (9 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000})$

**6.0209897**

2.  $(1 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000})$

**1.4334584**

3.  $(1 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000})$

**1.5004974**

4.  $(7 \times 1) + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000})$

**7.9573918**

5.  $(8 \times 1) + (5 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (5 \times \frac{1}{10,000,000})$

**8.5932925**

6.  $(7 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (7 \times \frac{1}{100,000}) + (5 \times \frac{1}{10,000,000})$

**7.2540705**

7.  $(3 \times 1) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000})$

**3.7683338**

8.  $(6 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000})$

**6.2578688**

9.  $(9 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (3 \times \frac{1}{10,000,000})$

**9.6347203**

10.  $(8 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000})$

**8.5496596**