Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

2. $(8 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000})$

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

4. $(1 \times 1) + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000})$

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

6. $(3 \times 1) + (6 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (8 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$

7. $(2 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$

8. $(5 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000})$

9. $(6 \times 1) + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$

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

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

   3.01021

2. $(8 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000})$

   8.31372

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

   8.59717

4. $(1 \times 1) + (8 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000})$

   1.87066

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

   4.44335

6. $(3 \times 1) + (6 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (8 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$

   3.61089

7. $(2 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$

   2.63938

8. $(5 \times 1) + (6 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000})$

   5.68613

9. $(6 \times 1) + (5 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$

   6.58127

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

    9.10943