Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

6. $(5 \times 1) + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$

7. $(8 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$

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

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

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

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(2 \times 1) + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$
   2.39118

2. $(2 \times 1) + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000})$
   2.62722

3. $(4 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000})$
   4.85873

4. $(1 \times 1) + (7 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (3 \times \frac{1}{100,000})$
   1.72903

5. $(4 \times 1) + (3 \times \frac{1}{10}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000})$
   4.30771

6. $(5 \times 1) + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$
   5.12449

7. $(8 \times 1) + (5 \times \frac{1}{10}) + (4 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$
   8.50427

8. $(9 \times 1) + (3 \times \frac{1}{10}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000})$
   9.30585

9. $(2 \times 1) + (2 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000})$
   2.22231

10. $(5 \times 1) + (1 \times \frac{1}{10}) + (4 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000})$
    5.10412