Expanded to Standard Form With Decimals (D)

Name: _____

Convert each expanded factors form decimal number to standard form.

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

2. $(5 \times 1) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{1,000,000})$

3. $(2 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (7 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$

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

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

6. $(2 \times 1) + (9 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000})$

7. $(7 \times 1) + (9 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$

8. $(6 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$

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

10. $(3 \times 1) + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

   7.817756

2. $(5 \times 1) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{1,000,000})$

   5.013707

3. $(2 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (7 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$

   2.310715

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

   4.182808

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

   2.077557

6. $(2 \times 1)+(9 \times \frac{1}{10})+(2 \times \frac{1}{100})+(7 \times \frac{1}{1000})+(5 \times \frac{1}{10,000})+(3 \times \frac{1}{100,000})+(8 \times \frac{1}{1,000,000})$

   2.927538

7. $(7 \times 1)+(9 \times \frac{1}{10})+(3 \times \frac{1}{100})+(6 \times \frac{1}{1000})+(2 \times \frac{1}{10,000})+(5 \times \frac{1}{100,000})+(2 \times \frac{1}{1,000,000})$

   7.936252

8. $(6 \times 1)+(4 \times \frac{1}{10})+(5 \times \frac{1}{100})+(8 \times \frac{1}{1000})+(9 \times \frac{1}{10,000})+(4 \times \frac{1}{100,000})+(3 \times \frac{1}{1,000,000})$

   6.458943

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

   2.993799

10. $(3 \times 1) + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (6 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$

    3.750656