Expanded to Standard Form With Decimals (D)

Name: _____ Date: _____

Convert each expanded factors form decimal number to standard form.

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

2. $(4 \times 1) + (8 \times \frac{1}{10}) + (3 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (3 \times \frac{1}{100,000,000})$

3. $(4 \times 1) + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (6 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

4. $(4 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000})$

5. $(8 \times 1) + (7 \times \frac{1}{10}) + (2 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

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

7. $(4 \times 1) + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (6 \times \frac{1}{100,000,000})$

8. $(3 \times 1) + (2 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (9 \times \frac{1}{100,000,000})$

9. $(3 \times 1) + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

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

Expanded to Standard Form With Decimals (D) Answers

Name: _____ Date: _____

Convert each expanded factors form decimal number to standard form.

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

   7.62299773

2. $(4 \times 1) + (8 \times \frac{1}{10}) + (3 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (3 \times \frac{1}{100,000,000})$

   4.80368783

3. $(4 \times 1) + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (6 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

   4.77360065

4. $(4 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (3 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000})$

   4.85870386

5. $(8 \times 1) + (7 \times \frac{1}{10}) + (2 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

   8.70246535

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

   1.79161157

7. $(4 \times 1) + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (6 \times \frac{1}{100,000,000})$

   4.99786006

8. $(3 \times 1) + (2 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (9 \times \frac{1}{100,000,000})$

   3.21508549

9. $(3 \times 1) + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

   3.49234365

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

    5.20099944