Expanded to Standard Form With Decimals (F)

Name: _____

Convert each expanded factors form decimal number to standard form.

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

2. $(9 \times 1) + (7 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000})$

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

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

5. $(1 \times 1) + (9 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000})$

6. $(8 \times 1) + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

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

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

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

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

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

   8.28240624

2. $(9 \times 1) + (7 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000})$

   9.71314546

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

   4.77028773

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

   6.75450173

5. $(1 \times 1) + (9 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000})$

   1.09458697

6. $(8 \times 1) + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

   8.24926235

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

   7.02310419

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

   7.75843251

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

   1.90244088

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

    8.25495292