Expanded to Standard Form With Decimals (I)

Name: _____   **Date:** _____

Convert each expanded factors form decimal number to standard form.

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

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

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

4. $(7 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (9 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000}) + (1 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

5. $(1 \times 1) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (4 \times \frac{1}{100,000,000})$

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

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

8. $(3 \times 1) + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000})$

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

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

| Expanded to Standard Form With Decimals (I) Answers |

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

   9.22120942

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

   3.19886332

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

   6.76608388

4. $(7 \times 1) + (6 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (9 \times \frac{1}{100,000}) + (8 \times \frac{1}{1,000,000}) + (1 \times \frac{1}{10,000,000}) + (5 \times \frac{1}{100,000,000})$

   7.63709815

5. $(1 \times 1) + (7 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (3 \times \frac{1}{10,000,000}) + (4 \times \frac{1}{100,000,000})$

   1.07686934

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

   1.53501082

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

   7.23635587

8. $(3 \times 1) + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000})$

   3.99749178

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

   9.98609596

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

   6.54845961