

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

- $(6 \times 1) + (1 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (1 \times \frac{1}{1,000,000,000})$
- $(7 \times 1) + (5 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (1 \times \frac{1}{1,000,000,000})$
- $(2 \times 1) + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000}) + (2 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$
- $(9 \times 1) + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$
- $(1 \times 1) + (5 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000}) + (7 \times \frac{1}{10,000,000}) + (7 \times \frac{1}{100,000,000}) + (2 \times \frac{1}{1,000,000,000})$
- $(7 \times 1) + (8 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (4 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (8 \times \frac{1}{1,000,000,000})$
- $(5 \times 1) + (4 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (3 \times \frac{1}{1,000,000,000})$
- $(1 \times 1) + (2 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000}) + (8 \times \frac{1}{10,000,000}) + (6 \times \frac{1}{100,000,000}) + (5 \times \frac{1}{1,000,000,000})$
- $(8 \times 1) + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (7 \times \frac{1}{1,000,000}) + (1 \times \frac{1}{10,000,000}) + (8 \times \frac{1}{100,000,000}) + (6 \times \frac{1}{1,000,000,000})$
- $(7 \times 1) + (6 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (6 \times \frac{1}{10,000,000}) + (2 \times \frac{1}{1,000,000,000})$

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

6.163253471

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

7.522787801

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

2.352616027

4. $(9 \times 1) + (8 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000}) + (9 \times \frac{1}{100,000,000}) + (7 \times \frac{1}{1,000,000,000})$

9.847529097

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

1.511776772

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

7.801941488

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

5.497871963

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

1.228131865

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

8.189877186

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

7.624139602