

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

1.57324597

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

6.45476797

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

7.95303331

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

3.61741467

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

5.47060154

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

4.97927949

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

5.59196066

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

2.17972361

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

9.56384288

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

8.91699476