

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

1.592389037

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

3.299225604

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

1.054543721

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

6.723506826

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

7.194697071

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

5.596824557

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

2.683073306

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

2.592491345

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

8.412126601

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

8.436657576