

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

5.21024269

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

5.36039434

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

7.39808559

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

8.98942695

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

8.93912007

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

3.07530383

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

8.58594784

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

2.43049881

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

5.06387333

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

6.73225717