

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(2 \times 1) + (1 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$
2.191969

2. $(5 \times 1) + (3 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$
5.301342

3. $(8 \times 1) + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$
8.398966

4. $(9 \times 1) + (7 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (5 \times \frac{1}{1,000,000})$
9.730365

5. $(6 \times 1) + (4 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$
6.438664

6. $(2 \times 1) + (6 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$
2.695871

7. $(1 \times 1) + (3 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (2 \times \frac{1}{1,000,000})$
1.357702

8. $(5 \times 1) + (3 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (6 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$
5.392064

9. $(6 \times 1) + (5 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$
6.516416

10. $(3 \times 1) + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (1 \times \frac{1}{100,000}) + (3 \times \frac{1}{1,000,000})$
3.361013