

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

6.9082884

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

4.4662608

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

7.0393067

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

4.7404335

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

7.0385409

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

2.9848473

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

9.8158535

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

6.3613332

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

3.2486147

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

2.9462779