

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(7 \times 1) + (4 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (1 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000})$
7.44163

2. $(7 \times 1) + (8 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$
7.85978

3. $(6 \times 1) + (7 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (2 \times \frac{1}{100,000})$
6.71202

4. $(8 \times 1) + (1 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$
8.16437

5. $(6 \times 1) + (6 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$
6.69279

6. $(9 \times 1) + (6 \times \frac{1}{10}) + (1 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (6 \times \frac{1}{100,000})$
9.60196

7. $(2 \times 1) + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (9 \times \frac{1}{100,000})$
2.94809

8. $(2 \times 1) + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$
2.12447

9. $(1 \times 1) + (9 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (3 \times \frac{1}{100,000})$
1.94583

10. $(6 \times 1) + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (6 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000})$
6.78655

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

2.39118

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

2.62722

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

4.85873

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

1.72903

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

4.30771

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

5.12449

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

8.50427

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

9.30585

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

2.22231

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

5.10412

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

6.53346

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

5.63664

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

8.67316

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

4.96862

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

4.82564

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

9.31329

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

8.55898

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

1.36278

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

7.96863

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

6.17649

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

1.19374

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

4.50222

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

3.36373

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

2.23382

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

4.92944

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

2.29047

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

7.12145

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

6.29257

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

2.58854

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

1.80711

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

8.57272

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

6.19773

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

9.25528

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

5.05073

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

6.16033

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

8.37955

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

8.95249

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

5.46465

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

8.11601

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

9.30528

Expanded to Standard Form With Decimals (F)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

2.23958

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

6.78278

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

1.19155

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

8.52886

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

6.01139

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

7.06243

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

3.00941

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

9.07184

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

5.87347

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

7.57768

Expanded to Standard Form With Decimals (G)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (G) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(3 \times 1) + (9 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$
3.95358

2. $(7 \times 1) + (9 \times \frac{1}{10}) + (9 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000})$
7.99435

3. $(9 \times 1) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000})$
9.41914

4. $(3 \times 1) + (8 \times \frac{1}{10}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$
3.80839

5. $(6 \times 1) + (8 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (5 \times \frac{1}{1000}) + (8 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$
6.88588

6. $(3 \times 1) + (6 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (9 \times \frac{1}{100,000})$
3.61479

7. $(2 \times 1) + (1 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000})$
2.15492

8. $(5 \times 1) + (1 \times \frac{1}{10}) + (9 \times \frac{1}{1000}) + (2 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000})$
5.10928

9. $(9 \times 1) + (2 \times \frac{1}{10}) + (4 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (7 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000})$
9.24277

10. $(3 \times 1) + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (2 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (2 \times \frac{1}{100,000})$
3.77292

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

3.01021

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

8.31372

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

8.59717

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

1.87066

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

4.44335

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

3.61089

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

2.63938

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

5.68613

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

6.58127

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

9.10943

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

5.29905

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

8.09721

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

7.11611

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

4.06663

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

6.55591

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

6.04753

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

8.50687

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

6.72353

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

2.19806

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

9.59247

Expanded to Standard Form With Decimals (J)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (J) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

5.98552

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

7.34291

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

3.58169

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

6.64301

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

3.86569

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

1.01375

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

5.22223

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

6.55217

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

3.35064

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

6.71967