

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

1.96111037

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

1.56954636

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

9.26275387

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

3.86035969

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

4.33660624

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

5.50967225

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

7.32673277

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

4.63565497

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

6.62787821

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

5.10413599