

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded factors form decimal number to standard form.

1. $(9 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (5 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$
9.253514

2. $(3 \times 1) + (4 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (4 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$
3.423486

3. $(3 \times 1) + (7 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (5 \times \frac{1}{100,000}) + (9 \times \frac{1}{1,000,000})$
3.763359

4. $(7 \times 1) + (6 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$
7.068386

5. $(3 \times 1) + (2 \times \frac{1}{100}) + (8 \times \frac{1}{1000}) + (1 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$
3.028016

6. $(4 \times 1) + (9 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000}) + (6 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (1 \times \frac{1}{1,000,000})$
4.979611

7. $(6 \times 1) + (7 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000}) + (3 \times \frac{1}{10,000}) + (8 \times \frac{1}{100,000}) + (6 \times \frac{1}{1,000,000})$
6.784386

8. $(3 \times 1) + (3 \times \frac{1}{10}) + (6 \times \frac{1}{100}) + (3 \times \frac{1}{1000}) + (9 \times \frac{1}{10,000}) + (1 \times \frac{1}{100,000}) + (2 \times \frac{1}{1,000,000})$
3.363912

9. $(8 \times 1) + (4 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (1 \times \frac{1}{10,000}) + (7 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$
8.410174

10. $(4 \times 1) + (5 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000}) + (1 \times \frac{1}{10,000}) + (4 \times \frac{1}{100,000}) + (4 \times \frac{1}{1,000,000})$
4.577144