

Expanded to Standard Form With Decimals (H)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(3 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-4}) + (1 \times 10^{-6})$

2. $(7 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (1 \times 10^{-4}) + (6 \times 10^{-5}) + (7 \times 10^{-6})$

3. $(3 \times 10^0) + (2 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-4}) + (6 \times 10^{-5}) + (8 \times 10^{-6})$

4. $(9 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (8 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5}) + (3 \times 10^{-6})$

5. $(7 \times 10^0) + (8 \times 10^{-1}) + (1 \times 10^{-2}) + (1 \times 10^{-3}) + (5 \times 10^{-4}) + (3 \times 10^{-5}) + (4 \times 10^{-6})$

6. $(1 \times 10^0) + (8 \times 10^{-2}) + (3 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5}) + (2 \times 10^{-6})$

7. $(8 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (6 \times 10^{-3}) + (6 \times 10^{-4}) + (1 \times 10^{-5}) + (1 \times 10^{-6})$

8. $(1 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-5}) + (2 \times 10^{-6})$

9. $(7 \times 10^0) + (5 \times 10^{-2}) + (7 \times 10^{-3}) + (2 \times 10^{-4}) + (9 \times 10^{-5}) + (9 \times 10^{-6})$

10. $(5 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3}) + (6 \times 10^{-5}) + (6 \times 10^{-6})$

Expanded to Standard Form With Decimals (H) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

1. $(3 \times 10^0) + (9 \times 10^{-1}) + (1 \times 10^{-2}) + (7 \times 10^{-4}) + (1 \times 10^{-6})$

3.910701

2. $(7 \times 10^0) + (4 \times 10^{-1}) + (5 \times 10^{-2}) + (1 \times 10^{-4}) + (6 \times 10^{-5}) + (7 \times 10^{-6})$

7.450167

3. $(3 \times 10^0) + (2 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-4}) + (6 \times 10^{-5}) + (8 \times 10^{-6})$

3.210368

4. $(9 \times 10^0) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (8 \times 10^{-3}) + (1 \times 10^{-4}) + (6 \times 10^{-5}) + (3 \times 10^{-6})$

9.678163

5. $(7 \times 10^0) + (8 \times 10^{-1}) + (1 \times 10^{-2}) + (1 \times 10^{-3}) + (5 \times 10^{-4}) + (3 \times 10^{-5}) + (4 \times 10^{-6})$

7.811534

6. $(1 \times 10^0) + (8 \times 10^{-2}) + (3 \times 10^{-3}) + (9 \times 10^{-4}) + (6 \times 10^{-5}) + (2 \times 10^{-6})$

1.083962

7. $(8 \times 10^0) + (1 \times 10^{-1}) + (2 \times 10^{-2}) + (6 \times 10^{-3}) + (6 \times 10^{-4}) + (1 \times 10^{-5}) + (1 \times 10^{-6})$

8.126611

8. $(1 \times 10^0) + (1 \times 10^{-1}) + (1 \times 10^{-2}) + (3 \times 10^{-3}) + (4 \times 10^{-4}) + (5 \times 10^{-5}) + (2 \times 10^{-6})$

1.113452

9. $(7 \times 10^0) + (5 \times 10^{-2}) + (7 \times 10^{-3}) + (2 \times 10^{-4}) + (9 \times 10^{-5}) + (9 \times 10^{-6})$

7.057299

10. $(5 \times 10^0) + (8 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3}) + (6 \times 10^{-5}) + (6 \times 10^{-6})$

5.883066