

Expanded to Standard Form With Decimals (C)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (C) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

2.412892

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

5.584261

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

3.206973

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

3.248069

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

9.619779

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

9.311513

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

3.085265

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

5.385291

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

3.245095

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

3.451938