

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

1.035502175

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

9.556469848

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

4.770165305

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

1.279344412

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

3.548849506

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

6.417891488

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

5.597057226

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

8.467528659

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

8.473444502

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

8.627935047