

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

3.288222567

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

2.688874302

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

4.363548602

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

1.212877131

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

5.774895215

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

4.027941868

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

4.898139011

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

8.382531607

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

8.048336243

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

3.239120291