

Expanded to Standard Form With Decimals (E)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

Expanded to Standard Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

8.468003437

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

1.105413035

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

4.880424371

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

7.455106984

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

1.537787252

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

7.222819544

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

6.411693124

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

5.612501385

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

7.203751949

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

4.010411404