

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

2.3301254

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

9.4454066

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

4.9092054

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

1.6706715

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

9.8333099

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

4.6683282

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

6.4546282

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

6.0603246

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

1.0866888

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

5.3775654