

Expanded to Standard Form With Decimals (A)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

3.466337

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

1.727501

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

6.349193

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

1.402882

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

7.036265

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

1.625504

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

2.189964

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

5.371838

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

5.001976

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

8.917398