

Expanded to Standard Form With Decimals (D)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (D) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

1.042367

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

6.323257

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

2.680291

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

1.944205

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

8.315992

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

5.308203

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

8.969657

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

6.307029

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

8.534101

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

4.881357