

Expanded to Standard Form With Decimals (B)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (B) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

5.229263

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

5.489905

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

3.819758

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

7.761669

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

4.833566

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

7.997444

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

8.712141

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

7.034023

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

9.090016

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

4.416462