

Expanded to Standard Form With Decimals (I)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (I) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

3.053866

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

5.249011

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

7.596086

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

3.840525

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

7.624622

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

1.786409

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

3.283147

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

3.137991

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

3.219846

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

5.408331