

Expanded to Standard Form With Decimals (F)

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

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

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

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

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

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

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

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

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

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

Expanded to Standard Form With Decimals (F) Answers

Name: _____

Date: _____

Convert each expanded exponential form decimal number to standard form.

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

9.54522

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

5.08072

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

3.95527

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

7.28836

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

5.81077

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

1.95994

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

6.59921

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

5.08431

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

7.90877

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

3.16472