Expanded Exponential Form With Decimals (F)

Name: _____ Date: _____

Convert each standard form decimal number to expanded exponential form.

1. 8.483

2. 1.582

3. 8.494

4. 5.503

5. 7.306

6. 7.921

7. 9.316

8. 1.668

9. 9.872

10. 5.675

Expanded Exponential Form With Decimals (F) Answers

Name: _____ Date: _____

Convert each standard form decimal number to expanded exponential form.

1. 8.483
$(8 \times 10^{0}) + (4 \times 10^{-1}) + (8 \times 10^{-2}) + (3 \times 10^{-3})$

2. 1.582
$(1 \times 10^{0}) + (5 \times 10^{-1}) + (8 \times 10^{-2}) + (2 \times 10^{-3})$

3. 8.494
$(8 \times 10^{0}) + (4 \times 10^{-1}) + (9 \times 10^{-2}) + (4 \times 10^{-3})$

4. 5.503
$(5 \times 10^{0}) + (5 \times 10^{-1}) + (3 \times 10^{-3})$

5. 7.306
$(7 \times 10^{0}) + (3 \times 10^{-1}) + (6 \times 10^{-3})$

6. 7.921
$(7 \times 10^{0}) + (9 \times 10^{-1}) + (2 \times 10^{-2}) + (1 \times 10^{-3})$

7. 9.316
$(9 \times 10^{0}) + (3 \times 10^{-1}) + (1 \times 10^{-2}) + (6 \times 10^{-3})$

8. 1.668
$(1 \times 10^{0}) + (6 \times 10^{-1}) + (6 \times 10^{-2}) + (8 \times 10^{-3})$

9. 9.872
$(9 \times 10^{0}) + (8 \times 10^{-1}) + (7 \times 10^{-2}) + (2 \times 10^{-3})$

10. 5.675
$(5 \times 10^{0}) + (6 \times 10^{-1}) + (7 \times 10^{-2}) + (5 \times 10^{-3})$