Expanded Factors Form With Decimals (E)

Name: _____ 　　　　Date: _____

Convert each standard form decimal number to expanded factors form using decimals.

1. 6.844547

2. 8.837224

3. 4.629532

4. 8.204647

5. 6.767013

6. 3.140162

7. 9.885392

8. 6.100338

9. 9.835522

10. 5.124672

Expanded Factors Form With Decimals (E) Answers

Name: _____

Date: _____

Convert each standard form decimal number to expanded factors form using decimals.

1. **6.844547**
$(6 \times 1) + (8 \times 0.1) + (4 \times 0.01) + (4 \times 0.001) + (5 \times 0.0001) + (4 \times 0.00001) + (7 \times 0.000001)$

2. **8.837224**
$(8 \times 1) + (8 \times 0.1) + (3 \times 0.01) + (7 \times 0.001) + (2 \times 0.0001) + (2 \times 0.00001) + (4 \times 0.000001)$

3. **4.629532**
$(4 \times 1) + (6 \times 0.1) + (2 \times 0.01) + (9 \times 0.001) + (5 \times 0.0001) + (3 \times 0.00001) + (2 \times 0.000001)$

4. **8.204647**
$(8 \times 1) + (2 \times 0.1) + (4 \times 0.001) + (6 \times 0.0001) + (4 \times 0.00001) + (7 \times 0.000001)$

5. **6.767013**
$(6 \times 1) + (7 \times 0.1) + (6 \times 0.01) + (7 \times 0.001) + (1 \times 0.00001) + (3 \times 0.000001)$

6. **3.140162**
$(3 \times 1) + (1 \times 0.1) + (4 \times 0.01) + (1 \times 0.0001) + (6 \times 0.00001) + (2 \times 0.000001)$

7. **9.885392**
$(9 \times 1) + (8 \times 0.1) + (8 \times 0.01) + (5 \times 0.001) + (3 \times 0.0001) + (9 \times 0.00001) + (2 \times 0.000001)$

8. **6.100338**
$(6 \times 1) + (1 \times 0.1) + (3 \times 0.0001) + (3 \times 0.00001) + (8 \times 0.000001)$

9. **9.835522**
$(9 \times 1) + (8 \times 0.1) + (3 \times 0.01) + (5 \times 0.001) + (5 \times 0.0001) + (2 \times 0.00001) + (2 \times 0.000001)$

10. **5.124672**
$(5 \times 1) + (1 \times 0.1) + (2 \times 0.01) + (4 \times 0.001) + (6 \times 0.0001) + (7 \times 0.00001) + (2 \times 0.000001)$