

Expanded Factors Form With Decimals (D)

Name: _____

Date: _____

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

1. 3.31969

2. 4.91664

3. 5.53829

4. 4.73169

5. 6.33658

6. 3.13681

7. 8.16018

8. 8.20986

9. 5.31703

10. 7.29643

Expanded Factors Form With Decimals (D) Answers

Name: _____

Date: _____

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

1. **3.31969**

$$(3 \times 1) + (3 \times 0.1) + (1 \times 0.01) + (9 \times 0.001) + (6 \times 0.0001) + (9 \times 0.00001)$$

2. **4.91664**

$$(4 \times 1) + (9 \times 0.1) + (1 \times 0.01) + (6 \times 0.001) + (6 \times 0.0001) + (4 \times 0.00001)$$

3. **5.53829**

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

4. **4.73169**

$$(4 \times 1) + (7 \times 0.1) + (3 \times 0.01) + (1 \times 0.001) + (6 \times 0.0001) + (9 \times 0.00001)$$

5. **6.33658**

$$(6 \times 1) + (3 \times 0.1) + (3 \times 0.01) + (6 \times 0.001) + (5 \times 0.0001) + (8 \times 0.00001)$$

6. **3.13681**

$$(3 \times 1) + (1 \times 0.1) + (3 \times 0.01) + (6 \times 0.001) + (8 \times 0.0001) + (1 \times 0.00001)$$

7. **8.16018**

$$(8 \times 1) + (1 \times 0.1) + (6 \times 0.01) + (1 \times 0.0001) + (8 \times 0.00001)$$

8. **8.20986**

$$(8 \times 1) + (2 \times 0.1) + (9 \times 0.001) + (8 \times 0.0001) + (6 \times 0.00001)$$

9. **5.31703**

$$(5 \times 1) + (3 \times 0.1) + (1 \times 0.01) + (7 \times 0.001) + (3 \times 0.00001)$$

10. **7.29643**

$$(7 \times 1) + (2 \times 0.1) + (9 \times 0.01) + (6 \times 0.001) + (4 \times 0.0001) + (3 \times 0.00001)$$