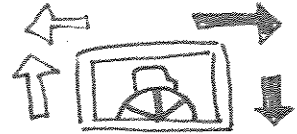


GLO	/2
HW	/8

Name: _____

Date: _____ Pd: _____

Decimal VS Power of 10



Rewrite the decimal or power of 10 so that the original expression matches the new expression. Then identify the changes that were made.

1) Original: 3.825×10^5

NEW: $\times 10^3$

Decimal: ← OR →

Exponent: ↑ OR ↓

2) Original: 583.7×10^6

NEW: $5.837 \times 10^{\square}$

Decimal: ← OR →

Exponent: ↑ OR ↓

3) Original: 0.0619×10^4

NEW: $6.19 \times 10^{\square}$

Decimal: ← OR →

Exponent: ↑ OR ↓

4) Original: 4.39×10^{-5}

NEW: $\times 10^{-3}$

Decimal: ← OR →

Exponent: ↑ OR ↓

5) Original: 2.504×10^{-2}

NEW: $\times 10^{-4}$

Decimal: ← OR →

Exponent: ↑ OR ↓

6) Original: 82.7×10^5

NEW: $\times 10^2$

Decimal: ← OR →

Exponent: ↑ OR ↓

7) Original: 384×10^3

NEW: $3.84 \times 10^{\square}$

Decimal: ← OR →

Exponent: ↑ OR ↓

8) Original: 0.0158×10^{-10}

NEW: $1.58 \times 10^{\square}$

Decimal: ← OR →

Exponent: ↑ OR ↓