Multiple-Choice Strategy

Briefly look at each problem. Determine if the problem is:

① **Q**uick to solve
② will take a **L**ong time
③ you could **N**ever solve it.

Label the problem **Q**, **L**, or **N**.

Example:

1. $f(x) = \ln x$, then $f''(3) = ?$

(A) $-\frac{1}{9}$

(B) -1

(C) -3

(D) 1

This looks easy & **Quick**!

So, solve right away

2. Find $\frac{dy}{dx}$ for $3x^2 - 2xy + 5y^2 = 1$

(A) $\frac{3x+y}{x-5y}$

(B) $\frac{y-3x}{5y-x}$

(C) $3x + 5y$

(D) $\frac{3x+4y}{x}$

This looks like I can solve, but it might take me a **Long** time to solve.

So, solve **L**ongs <u>after</u> all **Q**uicks are solved.

3. You walk 10 miles south, 10 miles north, and 10 miles west and get back to where you started. Where are you?

(A) Cicero

(B) North America

(C) South America

(D) None of these

This looks confusing!!
It's not even Calculus… ☹
I will **NEVER** solve this.