



Problem of the Week

Problem E

Fine Line

Suppose that $f(x) = ax + b$ and $g(x) = f^{-1}(x)$ for all values of x . That is, g is the inverse of the function f .

If $f(x) - g(x) = 2022$ for all values of x , determine all possible values for a and b .

$f(x)$

