

1000 Followers Special

DM Your Answer!

Find all functions $f : \mathbb{Q}^+ \rightarrow \mathbb{Q}^+$ that satisfy:

1. $f(x+1) = f(x) + 1$, $\forall x \in \mathbb{Q}_+$
2. $f(x^2) = f(x)^2$, $\forall x \in \mathbb{Q}_+$

**ONLY ELEMENTARY SOLUTIONS WILL
BE TAKEN**

Creative

$$\sum_{i=0} \text{Math}_i = \text{Solving}$$

Solution \rightarrow