

$expr \leftarrow negate \{expr: expr\}$



\rightarrow

match c

$n + \circ \rightarrow -n + \circ$

else \rightarrow **match** c

$n' + \frac{1}{2 + \circ} \rightarrow \left(-n' - 1 \right) + \frac{1}{2 + \circ}$

else \rightarrow **match** c

$n'' + \frac{1}{1 + \frac{1}{l + \frac{1}{d}}} \rightarrow \left(-n'' - 1 \right) + \frac{1}{\left(l + 1 \right) + \frac{1}{d}}$

else \rightarrow **match** c

$n''' + \frac{1}{m + \frac{1}{d'}} \rightarrow \left(-n''' - 1 \right) + \frac{1}{1 + \frac{1}{\left(m - 1 \right) + \frac{1}{d'}}}$

else \rightarrow **fail**

where

$c = \boxed{expr}$