# ON THE DIOPHANTINE EQUATION $\boldsymbol{f}(\boldsymbol{n})=\boldsymbol{n}$ 

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#### Abstract

In this paper, we have discussed the Diophantine equation $f(n)=n$ where $n$ is a positive integer with digits more than 1 . Results have been obtained for number of digits of $n$ as $2,3,4,5$ and 6 .


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