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 $1 \leq x \leq 1$ $1 \leq y \leq 1$ $1 \leq z$ since x y and z are greater than 2 we
have the following possibilities for x y z $3 \leq x \leq 3$ $3 \leq y \leq 3$ $4 \leq z$
 $4 \leq x \leq 5$ $3 \leq y \leq 6$ $z \geq 7$ $4 \leq x \leq 5$ and a finite list of other
cases there are only finitely many possible solu
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