$$
\begin{aligned}
6 = {} & \frac{1}{1}+\frac{1}{2}+\frac{1}{3}+\frac{1}{4}+\frac{1}{5}+\frac{1}{6}+\frac{1}{7}+\frac{1}{8}+\frac{1}{9}+\frac{1}{10}+\frac{1}{11}+\frac{1}{12}+\frac{1}{13}+\frac{1}{14}+\frac{1}{15}+\frac{1}{17}+\frac{1}{18}+\frac{1}{19}+\frac{1}{20}+\frac{1}{21}+\frac{1}{22}+\frac{1}{23}+\frac{1}{25}+ \\
& \frac{1}{26}+\frac{1}{27}+\frac{1}{28}+\frac{1}{29}+\frac{1}{30}+\frac{1}{31}+\frac{1}{32}+\frac{1}{33}+\frac{1}{34}+\frac{1}{35}+\frac{1}{36}+\frac{1}{38}+\frac{1}{39}+\frac{1}{40}+\frac{1}{41}+\frac{1}{42}+\frac{1}{43}+\frac{1}{44}+\frac{1}{45}+\frac{1}{46}+\frac{1}{48}+\frac{1}{49}+ \\
& \frac{1}{50}+\frac{1}{51}+\frac{1}{52}+\frac{1}{53}+\frac{1}{54}+\frac{1}{55}+\frac{1}{56}+\frac{1}{57}+\frac{1}{58}+\frac{1}{60}+\frac{1}{62}+\frac{1}{63}+\frac{1}{64}+\frac{1}{66}+\frac{1}{67}+\frac{1}{68}+\frac{1}{69}+\frac{1}{70}+\frac{1}{72}+\frac{1}{73}+\frac{1}{75}+\frac{1}{76}+ \\
& \frac{1}{78}+\frac{1}{80}+\frac{1}{81}+\frac{1}{82}+\frac{1}{83}+\frac{1}{84}+\frac{1}{87}+\frac{1}{90}+\frac{1}{91}+\frac{1}{92}+\frac{1}{93}+\frac{1}{94}+\frac{1}{95}+\frac{1}{96}+\frac{1}{97}+\frac{1}{98}+\frac{1}{99}+\frac{1}{104}+\frac{1}{105}+\frac{1}{108}+\frac{1}{110}+ \\
& \frac{1}{112}+\frac{1}{115}+\frac{1}{116}+\frac{1}{117}+\frac{1}{119}+\frac{1}{120}+\frac{1}{121}+\frac{1}{123}+\frac{1}{126}+\frac{1}{127}+\frac{1}{128}+\frac{1}{129}+\frac{1}{130}+\frac{1}{131}+\frac{1}{132}+\frac{1}{134}+\frac{1}{136}+ \\
& \frac{1}{137}+\frac{1}{140}+\frac{1}{141}+\frac{1}{143}+\frac{1}{144}+\frac{1}{145}+\frac{1}{146}+\frac{1}{147}+\frac{1}{148}+\frac{1}{150}+\frac{1}{152}+\frac{1}{153}+\frac{1}{154}+\frac{1}{156}+\frac{1}{159}+\frac{1}{160}+\frac{1}{161}+ \\
& \frac{1}{162}+\frac{1}{165}+\frac{1}{166}+\frac{1}{168}+\frac{1}{169}+\frac{1}{170}+\frac{1}{171}+\frac{1}{174}+\frac{1}{176}+\frac{1}{177}+\frac{1}{178}+\frac{1}{180}+\frac{1}{182}+\frac{1}{183}+\frac{1}{185}+\frac{1}{187}+\frac{1}{190}+ \\
& \frac{1}{192}+\frac{1}{195}+\frac{1}{196}+\frac{1}{198}+\frac{1}{200}+\frac{1}{201}+\frac{1}{204}+\frac{1}{205}+\frac{1}{206}+\frac{1}{207}+\frac{1}{208}+\frac{1}{209}+\frac{1}{210}+\frac{1}{212}+\frac{1}{213}+\frac{1}{215}+\frac{1}{217}+ \\
& \frac{1}{220}+\frac{1}{221}+\frac{1}{222}+\frac{1}{224}+\frac{1}{225}+\frac{1}{228}+\frac{1}{230}+\frac{1}{231}+\frac{1}{232}+\frac{1}{234}+\frac{1}{235}+\frac{1}{238}+\frac{1}{240}+\frac{1}{242}+\frac{1}{244}+\frac{1}{245}+\frac{1}{246}+ \\
& \frac{1}{247}+\frac{1}{249}+\frac{1}{252}+\frac{1}{253}+\frac{1}{254}+\frac{1}{255}+\frac{1}{258}+\frac{1}{260}+\frac{1}{261}+\frac{1}{264}+\frac{1}{266}+\frac{1}{268}+\frac{1}{270}+\frac{1}{272}+\frac{1}{273}+\frac{1}{274}+\frac{1}{275}+ \\
& \frac{1}{276}+\frac{1}{279}+\frac{1}{280}+\frac{1}{282}+\frac{1}{285}+\frac{1}{286}+\frac{1}{287}+\frac{1}{288}+\frac{1}{290}+\frac{1}{292}+\frac{1}{294}+\frac{1}{295}+\frac{1}{297}+\frac{1}{299}+\frac{1}{300}+\frac{1}{301}+\frac{1}{304}+ \\
& \frac{1}{306}+\frac{1}{308}+\frac{1}{309}+\frac{1}{310}+\frac{1}{312}+\frac{1}{315}+\frac{1}{318}+\frac{1}{319}+\frac{1}{320}+\frac{1}{322}+\frac{1}{323}+\frac{1}{324}+\frac{1}{325}+\frac{1}{329}+\frac{1}{330}+\frac{1}{336}+\frac{1}{338}+ \\
& \frac{1}{340}+\frac{1}{341}+\frac{1}{342}+\frac{1}{345}+\frac{1}{348}+\frac{1}{350}+\frac{1}{351}+\frac{1}{352}+\frac{1}{354}+\frac{1}{355}+\frac{1}{356}+\frac{1}{357}+\frac{1}{360}+\frac{1}{363}+\frac{1}{364}+\frac{1}{365}+\frac{1}{368}+ \\
& \frac{1}{371}+\frac{1}{372}+\frac{1}{374}+\frac{1}{377}+\frac{1}{378}+\frac{1}{380}+\frac{1}{384}+\frac{1}{385}+\frac{1}{388}+\frac{1}{390}+\frac{1}{391}+\frac{1}{396}+\frac{1}{399}+\frac{1}{400}+\frac{1}{402}+\frac{1}{403}+\frac{1}{405}+ \\
& \frac{1}{406}+\frac{1}{408}+\frac{1}{411}+\frac{1}{412}+\frac{1}{413}+\frac{1}{414}+\frac{1}{416}+\frac{1}{418}+\frac{1}{420}+\frac{1}{425}+\frac{1}{427}+\frac{1}{429}+\frac{1}{432}+\frac{1}{434}+\frac{1}{435}+\frac{1}{437}+\frac{1}{438}+ \\
& \frac{1}{440}+\frac{1}{442}+\frac{1}{448}+\frac{1}{450}+\frac{1}{455}+\frac{1}{456}+\frac{1}{459}+\frac{1}{460}+\frac{1}{462}+\frac{1}{464}+\frac{1}{465}+\frac{1}{468}+\frac{1}{469}+\frac{1}{475}+\frac{1}{476}+\frac{1}{480}+\frac{1}{483}+ \\
& \frac{1}{484}+\frac{1}{485}+\frac{1}{493}+\frac{1}{494}+\frac{1}{495}+\frac{1}{496}+\frac{1}{497}+\frac{1}{504}+\frac{1}{506}+\frac{1}{508}+\frac{1}{510}+\frac{1}{511}+\frac{1}{513}+\frac{1}{520}+\frac{1}{522}+\frac{1}{524}+\frac{1}{525}+ \\
& \frac{1}{527}+\frac{1}{528}+\frac{1}{532}+\frac{1}{534}+\frac{1}{535}+\frac{1}{540}+\frac{1}{544}+\frac{1}{546}+\frac{1}{548}+\frac{1}{550}+\frac{1}{551}+\frac{1}{552}+\frac{1}{558}+\frac{1}{560}+\frac{1}{561}+\frac{1}{567}+\frac{1}{570}+\frac{1}{572}+ \\
& \frac{1}{575}+\frac{1}{576}+\frac{1}{580}+\frac{1}{581}+\frac{1}{582}+\frac{1}{585}+\frac{1}{589}+\frac{1}{594}+\frac{1}{595}+\frac{1}{598}+\frac{1}{600}+\frac{1}{605}+\frac{1}{608}+\frac{1}{609}+\frac{1}{612}+\frac{1}{616}+\frac{1}{620}+\frac{1}{621}+ \\
& \frac{1}{623}+\frac{1}{624}+\frac{1}{627}+\frac{1}{630}+\frac{1}{635}+\frac{1}{638}+\frac{1}{640}+\frac{1}{642}+\frac{1}{644}+\frac{1}{646}+\frac{1}{648}+\frac{1}{650}+\frac{1}{651}+\frac{1}{660}+\frac{1}{663}+\frac{1}{665}+\frac{1}{667}+\frac{1}{672}+ \\
& \frac{1}{675}+\frac{1}{676}+\frac{1}{680}+\frac{1}{682}+\frac{1}{684}+\frac{1}{685}+\frac{1}{690}+\frac{1}{693}+\frac{1}{696}+\frac{1}{700}+\frac{1}{702}+\frac{1}{704}+\frac{1}{713}+\frac{1}{714}+\frac{1}{715}+\frac{1}{720}+\frac{1}{721}+\frac{1}{725}+ \\
& \frac{1}{726}+\frac{1}{728}+\frac{1}{736}+\frac{1}{741}+\frac{1}{744}+\frac{1}{748}+\frac{1}{749}+\frac{1}{754}+\frac{1}{756}+\frac{1}{759}+\frac{1}{760}+\frac{1}{762}+\frac{1}{765}+\frac{1}{770}+\frac{1}{775}+\frac{1}{780}+\frac{1}{782}+\frac{1}{783}+ \\
& \frac{1}{786}+\frac{1}{792}+\frac{1}{798}+\frac{1}{800}+\frac{1}{805}+\frac{1}{806}+\frac{1}{810}+\frac{1}{812}+\frac{1}{816}+\frac{1}{819}+\frac{1}{825}+\frac{1}{828}+\frac{1}{832}+\frac{1}{836}+\frac{1}{837}+\frac{1}{840}+\frac{1}{845}+\frac{1}{847}+ \\
& \frac{1}{850}+\frac{1}{855}+\frac{1}{858}+\frac{1}{864}+\frac{1}{868}+\frac{1}{870}+\frac{1}{874}+\frac{1}{880}+\frac{1}{884}+\frac{1}{891}+\frac{1}{896}+\frac{1}{897}+\frac{1}{899}+\frac{1}{900}+\frac{1}{910}+\frac{1}{912}+\frac{1}{917}+\frac{1}{918}+ \\
& \frac{1}{920}+\frac{1}{924}+\frac{1}{928}+\frac{1}{930}+\frac{1}{935}+\frac{1}{936}+\frac{1}{945}+\frac{1}{950}+\frac{1}{952}+\frac{1}{957}+\frac{1}{960}+\frac{1}{966}+\frac{1}{969}+\frac{1}{975}+\frac{1}{986}+\frac{1}{988}+\frac{1}{990}+\frac{1}{992}
\end{aligned}
$$

Number of terms: 453