WOULDN'T YOU LOVE TO BE A MOLENARE!?!

If you had a mole of dollars (all in $1000 dollar bills) and you stacked up your bills, the stack would go to the moon and back

47.5 million times.

Calculation

$$\$6.02\times10^{23}\times\frac{1\,in}{\$400{,}000}\times\frac{1\,roundTrip}{5.0\times10^{5}\,miles}\times\frac{1\,mile}{5280\,ft}\times\frac{1\,ft}{12\,in}=47{,}506{,}313\,roundTrips$$

Assumptions

- $ assume 250,000 miles to the moon one way thus 1 round trip = 5.0×10^5 miles
- $ assume 100 bills = 0.25 inch → $400,000 per inch of $1000 dollar bills
- $ Assume none of the bills blow away and can actually stay together in a stack this tall!