

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.

Assumptions

- assume 250,000 miles to the moon one way → 1 round trip = 5.0×10^5 miles
- assume 100 bills = 0.25 inch → \$400,000 per inch of \$1000 dollar bills

Calculation

6.02×10^{23} dollars

* (1 in / \$400,000 dollars)

* (1 round trip / 5.0×10^5 mi)

* (1 mi / 5280 ft)

* (1 ft / 12 in) = 47,506,313 round trips

