

Just How Big is a Mole?

If you had a mole of
donuts and everyone
in the world ate 1
donut per minute, it
would take
161 million years
to eat them all.



Assumptions

- 🍩 assume 7.5 billion people in the world, thus 7.5 billion donuts eaten each and every minute.
- 🍩 no adjustments made for any variation in that number due to births and deaths
- 🍩 Assume all people can eat donuts at this rate.

Calculation

$$6.02 \times 10^{23} \text{ donuts} \times \frac{1 \text{ minute}}{7.5 \times 10^9 \text{ donuts Eaten}} \times \frac{1 \text{ hr}}{60 \text{ min}} \times \frac{1 \text{ day}}{24 \text{ hrs}} \times \frac{1 \text{ yr}}{365.4 \text{ days}} = 152,547,183 \text{ yrs}$$