



# 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 7.1 billion people in the world
-  no adjustments made for any variation in that number due to birth and death rates

## Calculation

$$6.02 \times 10^{23} \text{ donuts} \times \frac{1 \text{ min}}{7.1 \times 10^9 \text{ donuts Eaten}} \times \frac{1 \text{ hr}}{60 \text{ min}} \times \frac{1 \text{ day}}{24 \text{ hrs}} \times \frac{1 \text{ yr}}{365 \text{ days}} = 161,317,984 \text{ yrs}$$