

HOW MANY M&Ms fill the GRAND CANYONS?



Trick how
you can get
the answer
in the
beginning
of the
problem.

Karl
Ting
10/16/17

Assumptions

- It's a lot of M&Ms
- We are measuring the "normal" size M&Ms
- How big is the grand canyon?
- The Measure of Unit is (CM)

Why do you use centimeters?

They are organized by color!

Estimate

The grand canyon in cm is
4170 trillion cm^3
 each M&M is $\sim 1.5 \text{ cm}$
 per M&M so...
 $4170 \text{ trillion} \cdot 1.5 = \sim 6255$
 trillion cm^3 worth of M&M

I like how you have organized and stated your volume.

I liked how you use your own calculations to find the answer.

Calculations

We found the Volume of the grand caion ($4170 \text{ trillion } \text{cm}^3$)
 Divided by the Volume of an M&M (0.000636 cm^3)
 The quotient was 6 and a half quadrillion M&Ms

