

# Which Gum Will Last?



By Sully CP and Bennett C

# Main Question

Which gum brands flavour will last the longest?

# Wonders

# and

# Questions

I wonder if the flavor will affect the results

I wonder if the of the gum will affect the results.

Will the mint gum last longer than the regular flavors?

Will any of them even last over ten minutes?



# Hypothesis

Sully : i think that a mint gum will last the longest because with my experiences mint always last 30 minutes and i also think mint will have a one up.

Bennett's hypothesis: I think that the hubba bubba max will last the longest because in my experiences with hubba bubba it lasted about an hour or so and think it might be because it is bubble gum and has sugar and stuff that the sugar free gum does not have.

# Materials

Stopwatch

Juicy fruit

Excel white

Excel bubblemint

Big league chew (strawberry)

Hubba bubba max (original)

Mentos gum.

Trident (orange)

5 gum (strawberry)

Dentyne ice

# Procedure

First we will both choose a gum flavor/brand then we will get the stopwatch ready then we will start is as soon as we start chewing the gum. Then once both of our gum has lost its flavor we will go onto on of our computers and write our conclusion/observations in our logbook.

## Controlled Variables

The amount we chew .

The amount we use to blow bubbles.

the amount we we use.

## Manipulated Variables

Gum brand.

Gum flavor.

# Observations

1. The hubba bubba max lasted 7.18s
2. Juicy fruit last the shortest with 1.05s
3. The sperement excel lasted 3.49s
4. bubble mint lasted below average at 2.21s
5. Dentyne ice peppermint lasted around average at 3.82s
6. Mentos lasted below average at 1.57s
7. Trident orange lasted just a little below average at 3.29s
8. Big league chew lasted a little below average at 3.17s
9. 5 gum lasted below average at 1.20s



# Analyzing Results

The conclusion we have found is that the hubba bubba max lasted the longest at 7.18, and the juicy fruit lasted the shortest at 1.05.

# Conclusion

The hubba bubba max won the competition with having a time of 7.18.

Sully's hypothesis was wrong mint did not last the longest and mints highest time was 3.82 resulting in it coming in second.

Bennetts hypothesis was kind of correct because he thought it would last an hour but it only lasted seven minutes, meaning he was only half correct.

# In The Future

In the future I would try to find some more gum flavors or at least have pictures of other gums that we don't have.

I would also try to experiment more so we could get more information about the gum flavors.

# Appelclition

You could use this information to find out more about gum and how long it last with the touch of seeing which is worth your money

## Sources Of Error

One thing we realized we could have done better was getting more gum flavours so we could do more experiments.

# Results

Time lasted (In minutes)

