

09/19

Gum Investigation

#5

Agenda

- Complete the lab write up.

Exit Task

Complete lab

How does the chewing of gum affect the number of correct problems in 1 minute?

Prepare the graph paper with headings and labels. We are graphing together

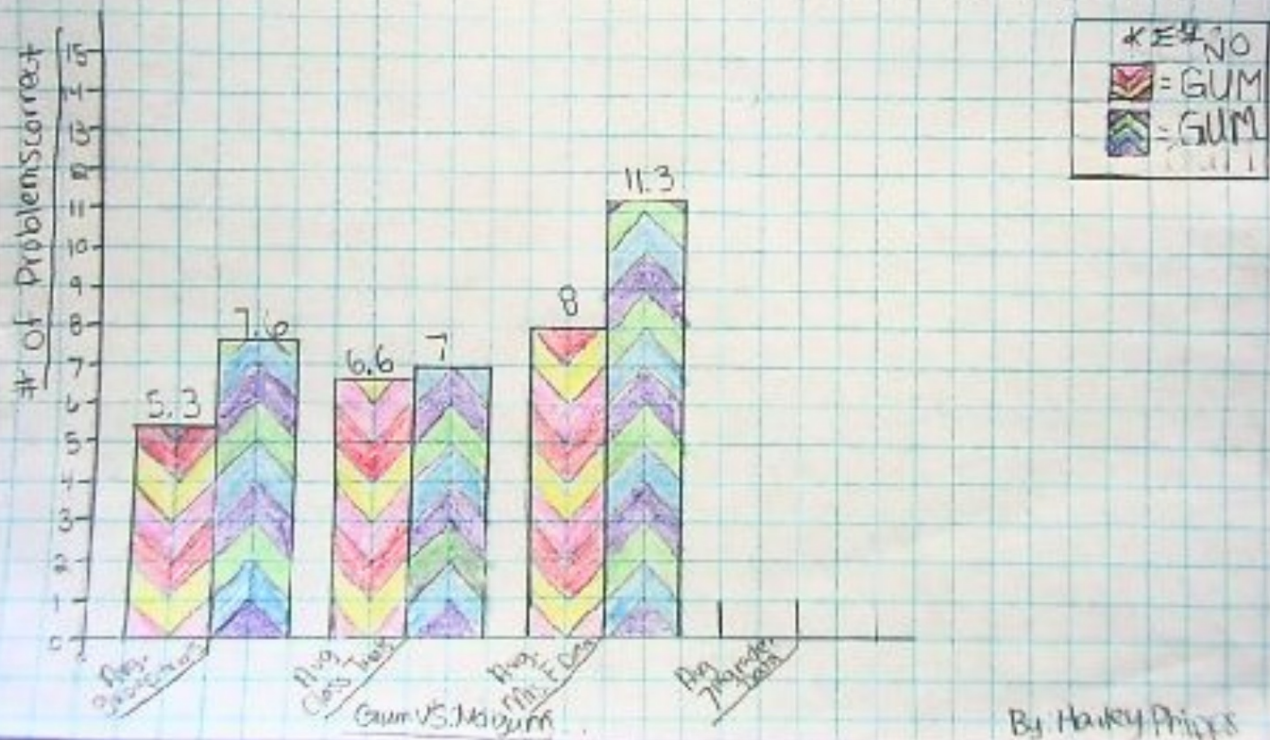


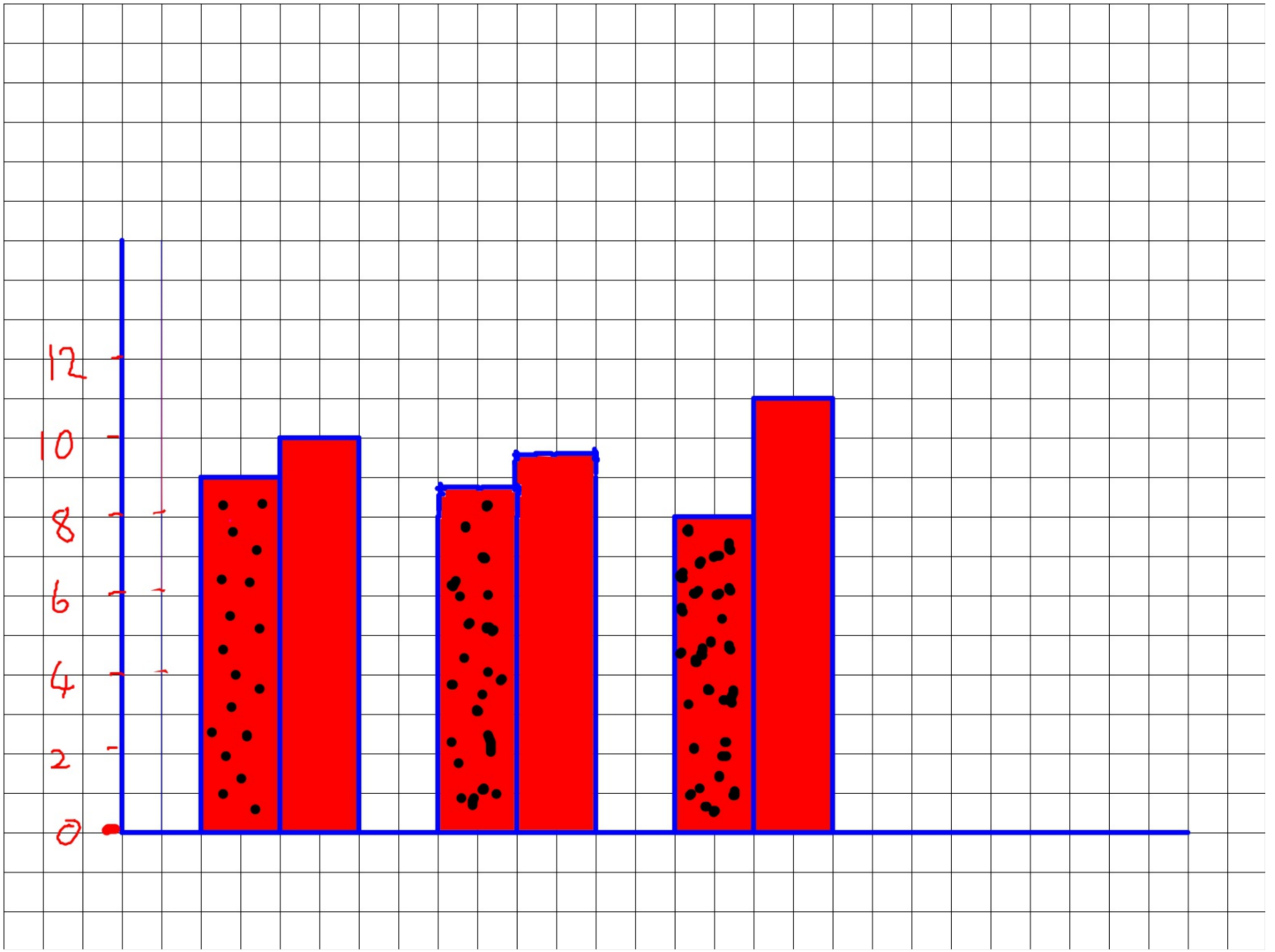
Learning target:

I can analyze data and write a conclusive statement.

-  Sit up
-  Track the speed
-  Ask questions
-  Respect your
-  Stay focused

GUM CHEWING vs. # OF PROBLEMS CORRECT





Conclusion

Tape your graph in after the data table.
Use the **Class data** to write your conclusion

RAPS Conclusion

R – Write a sentence to state whether your hypothesis was correct or incorrect.

A – Answer the investigation question.

P - Provide supporting data for evidence: include the high **and** low average quantities with units.

S – State your conclusion using comparative language: make a conclusive statement by comparing your high and low average values using units and the difference in your data. (e.g 5cm more than.....)

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Discussion Write as a paragraph or two.

-Why do you think you got the results you did? Use your background experience and knowledge of science to explain the reason for the differences in your data.

-Report any variables not controlled and how they might have affected your results.

-What would you do differently next time to make your investigation more valid and your data more reliable?

-What are the limitations in your investigation(How might your conclusions be overgeneralised from limited data or bias?)

-I wonder...? What are your next questions?

-  Sit up
-  Track the speaker
-  Ask questions
-  Respect your peers
-  Stay focused

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