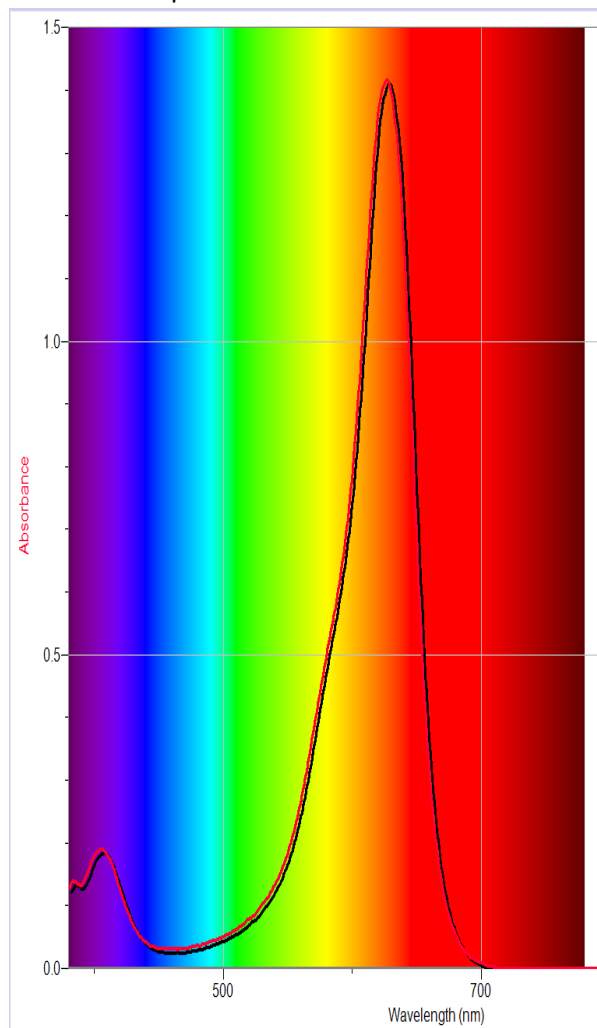


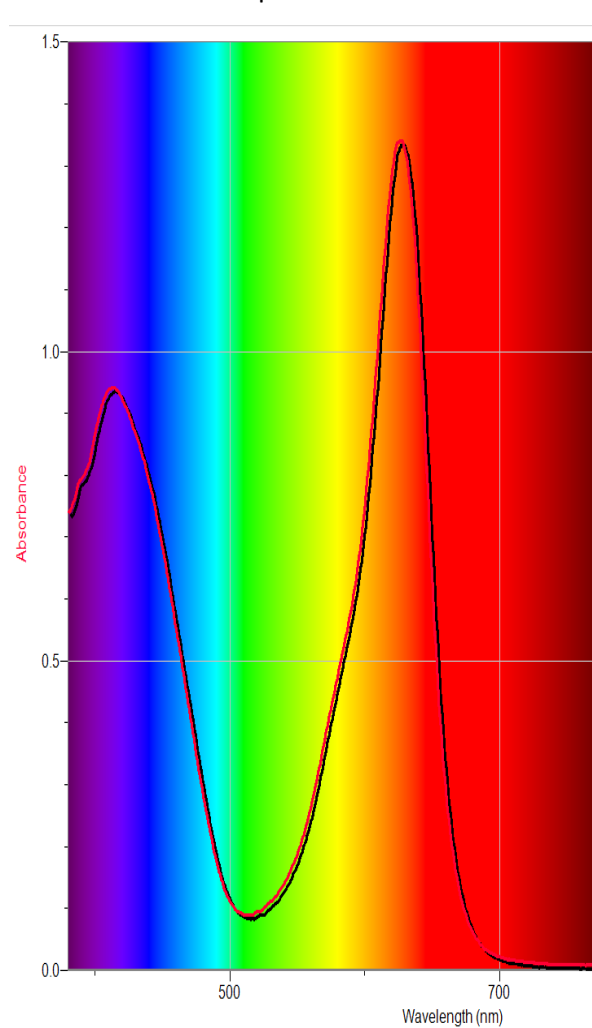
Name: \_\_\_\_\_ Block: \_\_\_\_\_ Date: \_\_\_\_\_

Complete the following questions using the graphs below.

Absorbance Spectrum for Blue Gatorade:

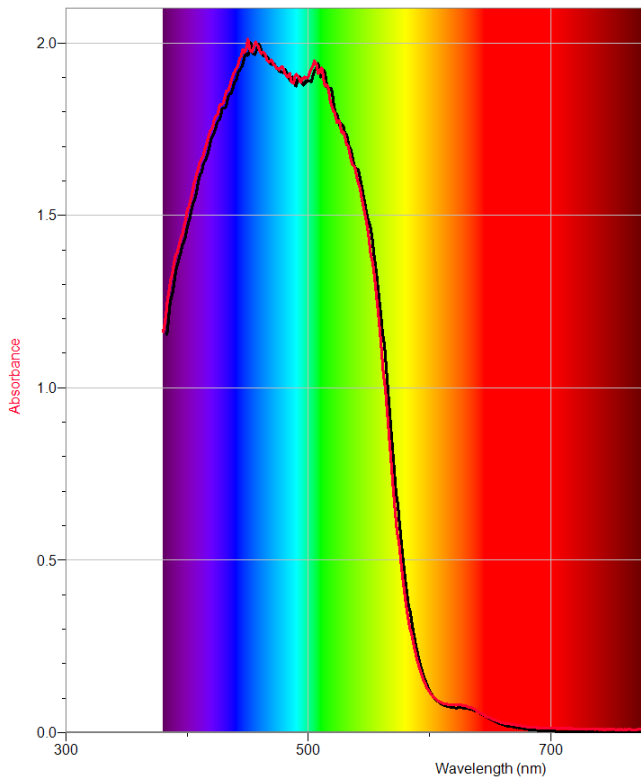


Absorbance Spectrum for Green Gatorade:

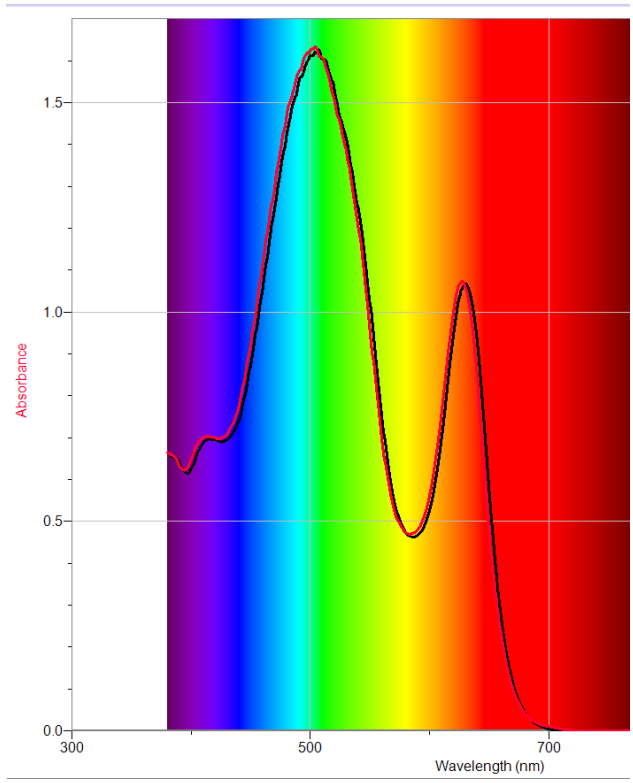


1. Why do you think the main peak for blue Gatorade is in the orange/red zone?
2. Why is there no/little absorbance in the blue zone?
3. What do you think caused the violet peak for the green Gatorade? How do you know?

Absorbance Spectrum for Red Gatorade:



Absorbance Spectrum for Purple Gatorade:



4. Which color component of purple Gatorade do you think was mixed in greater quantity? Why?

5. On the graph below illustrate what you think the absorbance spectrum will be for Orange Gatorade?

