

The Road Taken

The Task

Sarah and three friends have decided to go to a Ravens game at M&T Bank Stadium. They are discussing the best route to take to carpool and get to the stadium. You have researched three possible routes in order to choose the best route to take.

Route #1:

Sarah and Justin will meet at the Snowden River Park and Ride. From there they will travel to the Arbutus Park and Ride to meet Dante and Chelsea. Next the group will travel from the Arbutus Park and Ride to the Stadium. (To view Google Map: <http://goo.gl/maps/DhUWi>)

Route #2:

Sarah and Justin will meet at the Snowden River Park and Ride. From there they will travel to Lansdowne High School to meet Dante and Chelsea. Next the group will travel from Lansdowne High School to the Stadium. (To view Google Map: <http://goo.gl/maps/24GOI>)

Route #3:

Sarah and Justin will meet at the Snowden River Park and Ride. From there they will travel to Dante's house across the street from Arbutus Elementary School. Next the group will travel from Dante's house to Chelsea's house in Baltimore Highlands. The group will leave Chelsea's house and travel to the Stadium. (To view Google Map: <http://goo.gl/maps/5pFfS>)

Use the three maps provided in order to decide which route you should take and why? Determine the total distance and time traveled. Take into account any and all factors that may influence your decision.

Follow-Up Questions

Round to the nearest hundredth if necessary.

1. Using the formula, distance = rate \times time, determine the average speed at which you will travel.
2. If you used 1.5 gallons of gas driving to the stadium, how many miles per gallon did you get?
3. The average length of a song that plays on the radio is 3.5 minutes. How many complete songs will you be able to listen to?
4. The cost of gas is \$3.89 per gallon and you filled your car up before the trip with 13.64 gallons. How much did you pay for the gas?

[Type text]