

AMUSEMENT PARK

After exams, Juanita and her friends went to the amusement park. They found that each could buy an admission ticket for \$5 and then pay 25 cents per ride. Their other option was to buy an admission ticket for \$2 and then pay 75 cents for each ride.

- What factors should be considered in making a decision?
- Select one of the following methods:
 - a. Use a graphing calculator to plot each option.
 - b. Sketch a graph of each option, using the horizontal axis to represent the number of rides.
 - c. Make a table with the number of rides as one column, and the cost of each option in successive columns.
 - d. Write a system of equations and solve to find the number of rides that would cost the same under either option.
- Write a paragraph telling which would be the better deal and why.

[Source: A Guide to K-12 Program Development in Mathematics, State of Connecticut]

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