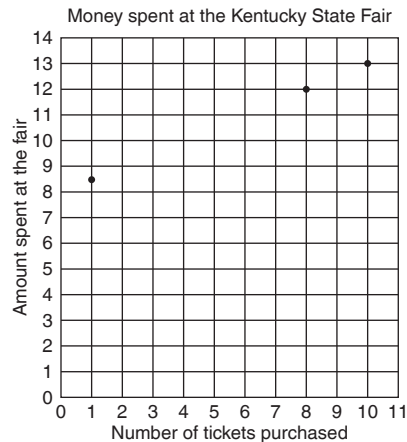


The State Fair

You are going to the Kentucky State Fair in August. You are trying to figure out how much you should plan to spend. The graph below shows how much three different people spent after going through the main gate and then buying their ride tickets. Every ride ticket is the same price.



1. After entering the fair, you decide to buy four ride tickets. What will be your total cost for attending the fair? How do you know?
2. Describe how the cost increases as you buy more tickets. Be specific.
3. After entering the fair, you decide you want to go on a lot of rides. What will be the total cost for attending the fair and then purchasing 15 ride tickets?
4. Write a description, in words or numbers and symbols, that can be used to find the total cost after entering the fair and purchasing any number of tickets.
5. How does the ticket price appear in your description or expressions?
6. How does the ticket price appear in the graph?

Extension

1. If you went to the Kentucky State Fair, how many ride tickets could you buy with \$25.00?
2. If you could enter the Kentucky State Fair for free, how would the graph look different?

Source: Jennifer Mossotti. Ferris wheel photo by Hannah Morgan on Unsplash.