This question has four parts. Be sure to label each part of your response.

8 A student had 30 tickets to use at a carnival. The numbers of tickets needed to go on some rides and play some games at the carnival are shown in this table.

Carnival Tickets

Ride or Game	Tickets Needed
ball throw	3
bumper cars	t
Ferris wheel	5
ring toss	2
roller coaster	8

A. The student played one game of ball throw and rode the bumper cars one time. She used a total of 9 tickets for these two activities.

Write an equation that can be used to find t, the number of tickets needed to ride the bumper cars.

B. Solve the equation you wrote in Part A to find t, the number of tickets needed to ride the bumper cars. Show or explain how you got your answer.

C. The student used a total of 15 tickets for rides on the Ferris wheel. How many times did she ride the Ferris wheel?

Write and solve an equation that can be used to find r, the number of times the student rode the Ferris wheel.

D. The student used 24 of her 30 tickets. In order to play one ring toss game and ride the roller coaster one time, she needed to purchase additional tickets to use with the tickets she had left. The student spent $2.60 on the additional tickets she needed.

What was the cost, in dollars, of each additional ticket? Show or explain how you got your answer.

Mathematics **Student:**

Grade 6 MCAS: Constructed-Response **Period:**

Open Response Question Title: