4.OA Carnival Tickets

Task

Every year a carnival comes to Hallie's town. The price of tickets to ride the rides has gone up every year.

Year	Ticket Price
2008	$2.00
2009	$2.50
2010	$3.00
2011	$3.50
2012	$4.00

a. In 2008, Hallie's allowance was $9.00 a month. How many carnival tickets could she buy with one month's allowance?

b. If her allowance had stayed the same, $9.00 a month, how many carnival tickets could she buy in 2012?

c. In 2012, Hallie's allowance was $14.00 per month. How much did her monthly allowance increase between 2008 and 2012?

d. How much more did a carnival ticket cost in 2012 than it did in 2008?

e. Was Hallie able to buy more carnival tickets in 2008 or in 2012 with one month's allowance?

f. What would Hallie's allowance need to be in 2012 in order for her to be able to buy as

many carnival tickets as she could in 2008?

g. What happens to your ability to buy things if prices increase and your allowance doesn't increase?