

Inverse Variation Mini Quiz

1. Does the chart show a direct variation? If so, what is the constant of variation?

x	y
12	3
9	4
6	6

2. Suppose y varies inversely as x . If $y = 2$ when $x = 75$, what is x when $y = 6$?

3. When 4 friends split the cost of a pizza, each person pays \$6. If 12 friends split the cost of the pizza, how much would each person pay?