

Name: _____ Block: _____ Date: _____

Hair Color vs. Eye Color

Data was collected from 529 students regarding their hair color and eye color. The data is presented below in the table.

		Hair Color				
Eye Color		Black	Brown	Red	Blonde	Total
	Brown	68	119	26	7	220
	Blue	20	84	17	94	215
	Hazel	15	54	14	10	93
	Green	5	29	14	16	64
	Total	108	286	71	127	529

True or False? Provide the calculations to support your answer.

1. A student is approximately twice as likely to have blue eyes as they are to have black hair.
2. Hazel eyed students and green eyed students are equally as likely to have red hair.
3. Red haired students are more likely to have green eyes than brown haired students.
4. Black haired students are more likely to have brown eyes than brown eyed students are likely to have black hair.
5. Of all the students, blonde haired students are the most likely to have blue eyes.