How many students are there in the group?

514

How many of the students are female?

$\frac{207}{447}$

given that the student has blue eyes, the student is male

Find:

$P(A' \cap B)$

$\frac{120}{257}$

$\frac{22}{229}$

Find:

$\frac{22}{67}$

Given that the student is male, the student has blue eyes

$P(B|A)$

Describe this event:

$B \cup A$

Find:

$P(A \cap B)$

the student chosen is male or has blue eyes or both

$\frac{137}{257}$

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the student chosen is female

Describe this event:

B'

How many students have green eyes?

285

the student chosen is male and has blue eyes

$\frac{246}{257}$

Describe this event:

$A \cup B$

$\frac{207}{229}$

Find:

$P(A' \cup B')$

$\frac{11}{257}$

Find:

$P(A \cup B)$

Find:

$P(A|B)$

student chosen has brown or green eyes

Describe this event:

$B|A$

Describe this event:

$A|B$

$\frac{45}{514}$

Find:

$P(A|B')$

124

Find:

$P(B'|A)$

Describe this event:

A'

The eye colour and gender of a group of students are noted and the results are indicated below:

	Blue	Brown	Green
Male	22	152	55
Female	45	171	69

A student is chosen from the group at random.
A = the student chosen is male
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