**ISDS MID-TERM EXAM SOLUTIONS OF 00009115**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Enclosed shopping center | | TOTAL |
| Visits | Yes | No |
| Often | 80 | **15** | **95** |
| Occasional | 25 | 35 | 60 |
| Never | **91** | 50 | 141 |
| TOTAL | 196 | 100 | 296 |

1.

1. A – shopper who visited Korzinka *often* = 95

B – shopper who visited Korzinka *in an enclosed mall = 196*

1. C - shopper who has *never* visited Korzinka = 141

D - shopper who visited Korzinka *not in an enclosed mall* = 100

2.

3.

4. = ?

5.

7.

1. =

Conclusion: There is no evidence that there is a difference in average number of movies watched between college students and high school students

8.

a)

b)

Conclusion: There is no evidence to conclude that more than 60% voters support Mr. Smith

9. a = 7.9 b = 8.1

a)

b)

10.

| so they are independent