# COB 191 HW4

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P(x = 0) = 0.5^5 = 1/32 = 3.125%

[CONTENT]

The probability she gets bumped is 1.40/1000 or 0.14%

For independent travelers, the chances of being bumped 1 – (1 - 0.14) ^10 or 0.0139, which is about 1.39%

49.1/24 = 1.75/hr

31.9%

51.6%

[CONTENT]

[CALCULATED\_VALUE]

49.1/24 = 1.75/hr

Answer: [CONTENT]

31.9%

Answer: [CONTENT]

51.6%

Answer: [CONTENT]