



[Courseware](#) [Course Info](#) [Discussion](#) [Syllabus](#) [Download R and RStudio](#) [R Tutorials](#) [Readings](#) [Contact Us](#)
[Progress](#) [Office Hours](#) [Community](#)

Question 3

Use the below probability statements to answer the following two questions. Report answers as proportions.

$$P(A) = 0.35$$

$$P(A \text{ and } B) = 0.15$$

(1 point possible)

3a. If A and B are independent, what is the value of **$P(A|B)$** ? (*Round to 2 decimal places.*)

0.23

0.23

Answer: 0.35

[Hide Answer](#)*You have used 1 of 1 submissions*

(1/1 point)


3b. What is the probability of $P(\mathbf{B} | \mathbf{A})$? (Round to 2 decimal places.)[Show Answer](#)*You have used 1 of 1 submissions*

EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics,

About edX

[About](#)[News](#)[Contact](#)

Follow Us

 [Twitter](#) [Facebook](#) 03/10/2015 01:49 PM

engineering, food and nutrition, history, humanities, law,
Question 3 | Problem Set | UT.7.01x Courseware | edX
literature, math, medicine, music, philosophy, physics, science,
statistics and more. EdX is a non-profit online initiative created by
founding partners Harvard and MIT.

© 2015 edX Inc.

EdX, Open edX, and the edX and Open edX logos are registered
trademarks or trademarks of edX Inc.

Help

Terms of Service and Honor Code

Privacy Policy (Revised 10/22/2014)

FAQ

edX Blog

Donate to edX

Jobs at edX



Meetup

<https://courses.edx.org/courses/UTAustinX/UT.7.01x/3T2014/courseware/55be...>



LinkedIn



Google+