

Full name: \_\_\_\_\_ Section: \_\_\_\_\_

1. Bobcat Jensen is the new sensation among Twitch streamers. The following joint distribution shows how many Playstation games and how many Switch games they play during a randomly selected month. Compute the requested values for a randomly selected month.

		Switch		
		0	1	2
Playstation	0	0	0.11	0.06
	1	0.09	0.14	0.11
	2	0.09	0.12	0.12
	3	0.07	0.05	0.04

- (a) probability that Bobcat Jensen played at least one Playstaion game
- (b) standard deviation of the number of Switch games played
- (c) expected number of Playstation games played given that Bobcat Jensen played only one Switch game