LESSON 7-4

Practice

Two-Way Tables

1. The table shows the results of a customer satisfaction survey of 100 randomly selected shoppers at the mall who were asked if they would shop at an earlier time if the mall opened earlier. Make a table of joint and marginal relative frequencies.

	Ages 10-20	Ages 21-45	Ages 46-65	65 and Older
Yes	13	2	8	24
No	25	10	15	3

	Ages 10-20	Ages 21-45	Ages 46-65	65 and Older	Total
Yes		lty.	d each probabl	umber cube. Fin	n rolls a 1-6 n
No				ra 4.	Ben rolls a 3 (
Total		mber.	2 or an eyen n	mber greater than	Ben rolls a nu

Jerrod collected data on 100 randomly selected students, and summarized the results in a table.

Owns an MP3 Player

Owns a Smart phone

4	Yes	No
Yes	28	12
No	34	26

a. Make a table of the joint relative frequencies and marginal relative frequencies. Round to the nearest hundredth where appropriate.

Owns an MP3 player

Owns a Smart Phone

7.	Yes	No	Total
Yes	he Italian dell'o	who came into t	ne 220 people v a ann 82 used
Nood remotal	sability that a c	What is the pro	d a credit card.
Total		. 96	sed a credit car

- b. If you are given that a student owns an MP3 player, what is the probability that the student also owns a smart phone? Round your answer to the nearest hundredth.
- c. If you are given that a student owns a smart phone, what is the probability that the student also owns an MP3 player? Round your answer to the nearest hundredth.