Name:_____ Date: _____ Period: _____

Ch. 7 Integrated Math 2B Homework for Week of April 23, 2018

7-103. It is generally assumed that there is no association between height and IQ
(a measure of intelligence). Thus, the heights for 175 randomly selected people are independent of their IQs.

Using this assumption, complete the two-way table below. Explain your process for determining the frequencies.

	Below average height	Above average height	totals
Below average IQ			70
Above average IQ			105
totals	50	125	175

7-104. A spinner has just two colors, red and blue. The probability the spinner will land on blue is x.

a. What is the probability it will land on red?

b. Create an area model for spinning this spinner twice.

c. When the spinner is spun twice, what is the probability that it will land on the same color both times?

d. Given that the spinner lands on the same color twice, what is the probability that it landed on blue both times?