8/30/2012

Math 304

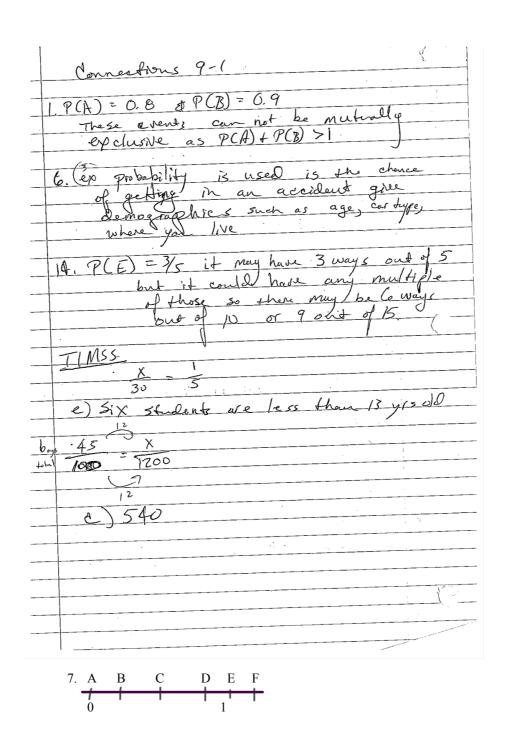
Turn in Activity 7: Paper-Scissors-Rock

Check Homework for Section 9.1 & vocabulary Professor Harms will score your Vocabulary Notebook (5 pts. if all terms & properties are defined and examples included for each)

Notes for Section 9.2 -MultiStage Experiments with Tree Diagrams & Geometric Probability

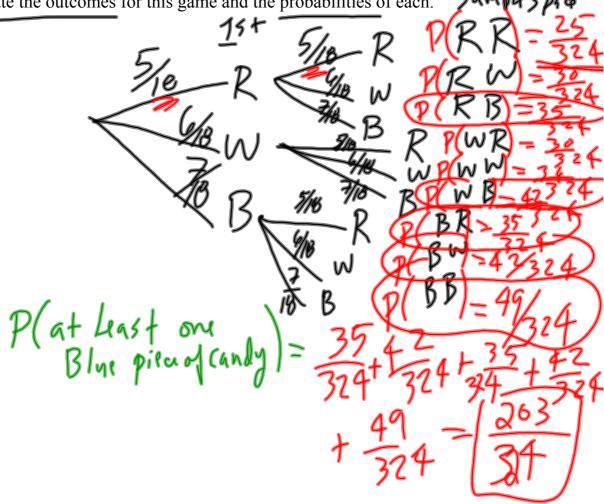
Assignment

,	Try This 9-1	Take out your assignment and check it over
520		^
	a) The sum of the probabilities	of tossing a coin
	ence vall the Distinct outcomes	
-	sample space is = 1	P(H)+P(T)=ઇઇ1
	b) Sum of the outcomes of doss	100 = 1 . 6= 1
	c) Yes, the sum is always t	10
528	1) a No P(F) = (32)	1 P(not F) = (2)
		579
	a, No P(L)=	Verten = 52
	- &, N ³	1 1 1
	2) a. 5/26	
-	b, 2426 Given	P(A)=0.3 DP(B)=0.4
	c. 1/26	7 (B) = 0, T
) ()
	5) a 1/2 or 1/3	3
	6 8/12 or 2/3	2 7 7
	e o P(AU	B) = 75 or 0.7
	De. 1 (model w/ slips of paper)	
	17) a P(vowel) = 10 or 75	
	b P(anst) = 4/10 or 3/5	
	U 1 (What) = 1/0 00 1.3	

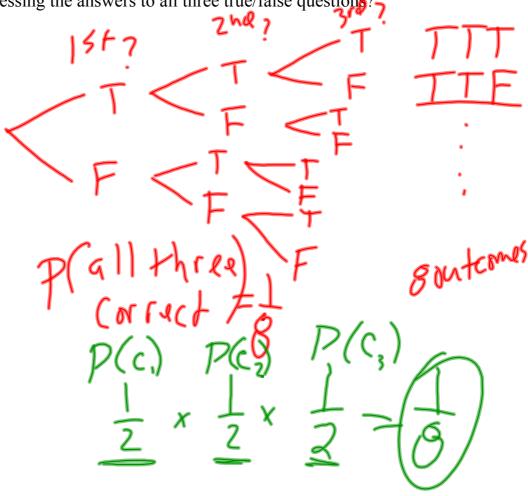


Notes Sect. 9.2 - Multistage Experiments with Tree Diagrams and Geometric Probabilities

1. A bag of candy that contains five red, six white, and seven blue is used for a game that involves the selection of two pieces of candy with replacement. Draw a tree diagram to generate the outcomes for this game and the probabilities of each.

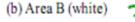


2. If you have three true or false questions, what is the probability of correctly guessing the answers to all three true/false questions?



3. If a dart is thrown at the following target and we assume the dart lands at random on the board, what is the probability of its landing in each of the following areas?





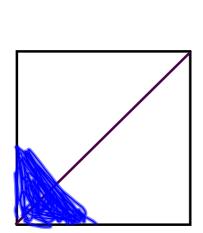


Area A

Area B

- Take out the tangram pieces if you have the Lab Packet cut out the 7 pieces on p. 72 if not pick up a plastic set of to from the box up front.
- Take out the two large triangles and form a square from them then trace this in your notes
- Place a single small triangle in a corner of that outlined square, and trace that then shade that triangle section.
- 4. What is the probability that of dropping a seed given it lands in the square that it will fall in the shaded region?

P(sheld)=



Assignment Due Tuesday Sept. 4th

Go to http://web.mnstate.edu/harms/

Read pp. 534-548, complete the <u>Vocabulary in section 9.2</u>

Try This 9-4 on p. 536 9.2A #1, 2, 8, 9, 11, 14, 15, 16 on 549-550 Connections 9-2 # 3, 7, 12 & NAEP Question on pp. 552-554

http://www.mnstate.edu/harms/304/Summer11/Vocabulary/Vocab9-2.htm

http://www.khanacademy.org/video/probability--part-2?playlist=Probability

http://www.youtube.com/user/khanacademy#p/c/0/mLE-SIOZToc