



Sample Space Diagrams

- Does an athlete who is doping get a positive test result - two ordinary dice.
Complete the sample space diagram, showing the total on the two dice.
What proportion of the results give a total of 4?

		2 nd throw					
		1	2	3	4	5	6
1 st throw	1						
	2						
	3						
	4						
	5						
	6						

- Does an athlete who is not doping get a negative test result - three coin flips
Write all the possible results - try to be systematic so you can be sure you have them all.
What proportion is HHH of all the possible results?