Mathematics

Combined Events and Sample Spaces Downloadable Resource

Mr Langton

Combined Events and Sample Spaces

I toss two coins.

a) Complete the sample space to show all the possible options.

b) What is the probability of getting 2 heads?

c) What is the probability of getting a head and a tail?

I roll two dice and add the scores together. What is the probability of scoring:

a) 2?   b) 6?

c) More than 8?   d) An even number?

e) A factor of 12?

1st Coin

2nd Coin		H	T
	H		
	T		

First Dice

+	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12

Second Dice