

- 1) Two dice are rolled and their scores are multiplied together.  
a) Complete the possibility space to show all the possible results.

		First dice					
		1	2	3	4	5	6
Second dice	1						
	2						
	3				12		
	4						
	5						
	6			18			

- b) What is the probability of getting a result that is an even number?
- 2) Suppose there are three cards:

A **black card** that is black on both sides,

A **white card** that is white on both sides,

A **mixed card** that is black on one side and white on the other side.

All the cards are placed into a hat and one is taken out at random.

It is placed on a table and the side facing up is black.

What is the probability that the other side of the card is also black?