

PROBABILITY SPACES

A fair dice is rolled and a fair coin is tossed.

Complete all possible outcomes in the table below:

	1	2	3	4	5	6
Head (H)						
Tail (T)						

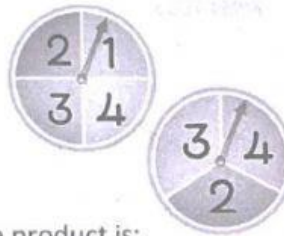
Find the probability of getting:

- a) a Head and 4 = _____
 b) a Tail and an odd number = _____
 c) a Head = _____ d) a Tail = _____
 e) a Tail and a factor of 6 = _____

The two spinners shown are spun at the same time.

The two numbers are multiplied. Complete all possible outcomes in the table below:

x	1	2	3	4
2				
3				
4				



Find the probability that the product is:

- a) 6 = _____ b) odd = _____
 c) prime = _____ d) 9 = _____
 e) a factor of 12 = _____ f) even = _____
 g) 5 = _____ h) negative = _____
 i) < 10 = _____ j) < 5 = _____

3. A coin is tossed (1—tails, 2—heads) and a fair die is tossed and the amounts added. Complete all possible outcomes in the table:

	1	2	3	4	5	6
Heads						
Tails						

Find the probability that the score is:

- a) 4 = _____ b) 6 = _____ c) 8 = _____
 d) even = _____ e) less than 10 = _____