PROBABILITY SPACES

1. 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 = _____

2. 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 =

LIVEWORKSHEETS