PROBABILITY SPACES

1. A fair dice is rolled and a fair coin is tossed.
Complete all possible outcomes in the table below:
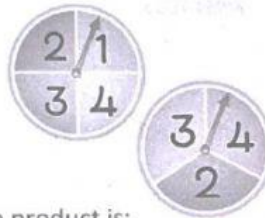
	1	2	3	4	5	6
Head (H)						
Tail (T)						

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 = _____

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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 = _____

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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 =