

PROBABILITY

Name: _____

Assessment Criteria: Find and record all possible mutually exclusive outcomes for single events and two successive events in a systematic way

1. Three cars park behind each other on a road; there is one red car, one yellow car and one black car. List all the possible orders they could park in.

2. Complete the following table, showing all the outcomes of throwing a coin and a spinning a 5 sided spinner:

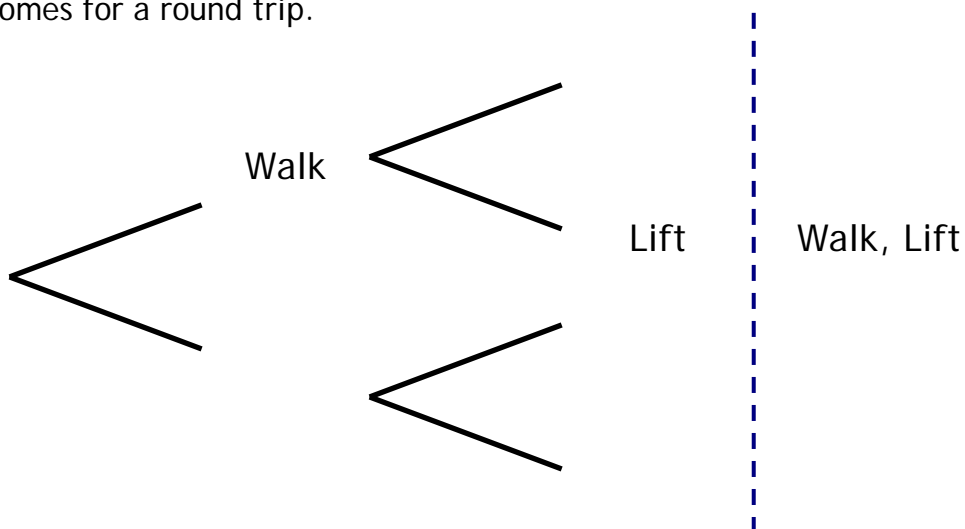
	1	2	3	4	5
H		H2			
T				T4	

3. Using a sample space diagram, find all the possible outcomes of the following two events:

Event A: Pick a ball from a bag containing red, green and blue balls.

Event B: Pick a counter from a box containing counters numbered 1, 2, 3 or 4

4. Bernie gets to school by either walking or getting the bus; he returns home by either walking or getting a lift. Complete the diagram to show all possible outcomes for a round trip.



Overall, I think my success level is:

Low High
 ○ ○ ○ ○

Q	PROBABILITY	☺	☹
	I can work systematically to find all the possible outcomes for a single event		
	I can use a sample space diagram to find all the possible outcomes for two successive events		
I need to practise ...			