1.	Sel	ect all the correct facts from the list be low.	10 / 10 points
		Suppose we are given a graph G and asked to return a cycle involving two or more vertices OR return None if there are no such cycles. There is no decision version of this problem.	
	~]	Consider the language $L = \{0, 10, 100, 110,\}$ of binary encodings of all even numbers. An algorithm that recognizes L is also an algorithm that given a number returns true if even and false if odd.	
	(Correct Correct	
	~	Consider the problem of finding if a graph G is strongly connected (i.e, entire graph is a single SCC). The corresponding language is $L=\{< G> \mid \text{G is a graph that is strongly connected}\}$	
	(Correct Correct	
	~	It is possible to encode graphs as binary strings of 0s and 1s such that every graph ${\cal G}$ corresponds to a unique binary string.	
	0	Correct Correct: arguably that is what we do when we represent a graph data structure in the memory of a computer	
		The problem of given a number n, checking whether or not it is prime is undecidable.	