



6 points each (min 50 if attempted):

	1.	Finite state machines are basically flowcharts, with a few key differences. a. 0 (false) (b) 1 (true)
	2.	There is no base state interface or base state class needed in order to create concrete state classes in the state pattern. Need 605-2 state (a) 0 (false) (b) 1 (true)
	3.	The State Pattern ensures that there is only one instance of a class created. a. 0 (false) b. 1 (true)
	4.	Two major variants of the State Pattern are to have states suggest their own transitions, or to have some sort of StateManager that holds a table of transitions. (false) (b) 1 (true) FSM can be stored in object
	5.	The State Pattern allows us to encapsulate varying behavior for the same object, based on its internal state. a. 0 (false) (b) 1 (true)
	6.	An enum representing state is a low-key way to get some of the benefits of the state pattern. a. 0 (false) b. 1 (true) does not do transitions but still good
	7.	Unity has a built-in state manager called StateMachineBehavior. a. 0 (false) b) 1 (true) already been implemented
	8.	The Hierarchical State Pattern is a variation wherein every concrete state has the same parent State class. a. 0 (false) b 1 (true)
		Extra credit to go from 98 to 100, using #1 as the most significant bit and #8 as the least significant bit, what unsigned int do the answers to this test represent? $ +2+4+8+16+128 = 59 $
-		01/111 1+2+4+8+16+128 = [59]
20	+	1.3, + 1.3, +1.3, +1.3, +1.3, +1.3, +1.3