

Quiz: Logic - Disjunction, Conditional and Bi conditional

1.	Assume the given sentence is true. "If 1 is odd, then $4 - 2 = \underline{\quad}$." Which number could be used to fill the blank?	
2.	Determine the truth-value of the statement. " $1 + 3 = 5$ or $5 - 4 = 9$."?	
3.	Determine the truth-value of the statement. " $6 - 4 = 2$ or $4 + 2 = 7$."?	
4.	Determine the truth-value of the sentence. "Square has three sides if and only if a right angle contains exactly 90 degrees."	
5.	Determine the truth-value of the statement. "4 is even or 8 is odd."	
6.	Determine the truth-value of the statement. "If horses bark, then cows moo."	
7.	Determine the truth-value of the sentence. "Triangle has three sides or all squares are triangle."	
8.	Determine the truth-value of the statement. " $4 + 4 = 4$ or 8 is even."	
9.	Determine the truth-value of the statement. "3 is even or 8 is odd."	
10.	Determine the truth-value of the sentence. "2 is an even if and only if 7 is even."	

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%