

Answers:

1)

Running count: 0

Player 1: A, 10	$0 - 2 = -2$
Player 2: 3, 7	$-2 + 1 = -1$
Player 3: 8, 9	$-1 + 0 = -1$
Player 4: 5, 9	$-1 + 1 = 0$
Player 5: 4, 6	$0 + 2 = +2$
Dealer : 10	$+2 - 1 = +1$

Therefore +1 is a good count for the player.

2)

Running count: +2

Player 1: 5, 10, 1, 3	$+2 + 3 - 1 = +4$
Player 2: 3, 7, 5, J	$+4 + 2 - 1 = +5$
Player 3: 8, 9	$+5$
Player 4: 5, 9, 2, K	$+5 + 2 - 1 = +6$
Player 5: 4, 6, A	$+6 + 2 - 1 = +7$
Dealer : 7	$+7$

True count: $+7 / 2 = +3.5$

3)

$$-3 * 3/1 = -9 = -9$$

This outcome would indicate a very unfavorable situation for the player because many of the remaining cards are low valued. The player would be wise to bet zero if possible or the table minimum at most.