



## Lesson 49 Examples

### A Crossruff Hand

All Vul	♠7		
Dealer S	♥J1097		
	♦AJ864		
	♣743		
♠KQ10952		N	♠86
♥52		W E	♥43
♦73		S	♦KQ1095
♣AJ9			♣Q1062
	♠AJ43		
	♥AKQ86		
	♦2		
	♣K85		

West	North	East	South
-	-	-	1♥
1♠	2♥	Pass	4♥
Pass	Pass	Pass	

When North raises hearts South adds 'fit' points for his singleton, so he has enough to bid game.

West leads ♠K.

South counts 3 losers in spades, and at least 2 losers in clubs. He can dispose of the spade losers by trumping spades in the dummy. To do this he must ruff three times.

If he starts by drawing trump in two rounds he will make five heart tricks, one spade, one diamond and two ruffs in dummy. But that is only 9 tricks.

To make 10 tricks he must take ruffs in dummy *before drawing trump*.

He wins the ace of spades and ruffs a spade.

He cashes the ace of diamonds and ruffs a diamond to get back to hand. He ruffs another spade. Then he ruffs another diamond and ruffs his last spade. Now he can play dummy's last heart and overtake it to draw trump.

Note how easy it was to ruff when declarer and dummy had such solid trump. There was no danger of an *overruff* even though the suits broke badly.

A	♠106543		
	♥K		
	♦Q765		
	♣K76		
		N	
		W E	
		S	
	♠AKQJ7		
	♥AJ853		
	♦-		
	♣432		

South plays in 4♠. West leads ♦A and South ruffs. The South hand has 3 club losers and 4 heart losers. One heart goes under dummy's king, and you can ruff the other three. Since you need only 3 trump in dummy you can afford 2 rounds of trump. Cash ♠A. If everybody follows trump have broken 2-1. Play a second round of trump to remove all the trump in the EW hands. Now there is no risk that East can overruff dummy.

B	♠10984		
	♥4		
	♦Q7654		
	♣K76		
		N	
		W E	
		S	
	♠AKQJ7		
	♥AJ853		
	♦-		
	♣432		

Another 4♠ contract. Again ♦A lead is ruffed. South has 4 heart losers to ruff in dummy. He cannot afford to play *any* rounds of trump. So cash ♥A, ruff a heart, ruff a diamond, ruff another heart, ruff a diamond, ruff a third heart, ruff a diamond, ruff the last heart with dummy's last trump. You make a tenth trick with the last trump in your hand.

Note the *quality of your trump*. The only card opponents could possibly overruff is dummy's four. Hopefully when you ruff the first heart with the low trump West will follow suit. If that goes off successfully you have a *high crossruff* where no-one can overruff because their trump are too small.



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### Planning a Crossruff

All Vul	♠AK7	
Dealer	♥5	
West	♦J8643	♣AJ102
♠J4		♠Q9862
♥KQJ763	N	♥109
♦AQ	W E	♦K10972
♣853	S	♣4
	♠1053	
	♥A842	
	♦5	
	♣KQ976	

West	North	East	South
1♥	Dbl	Pass	3♣
Pass	5♣	All Pass	

	♠AK7	
	♥-	
	♦J8	
	♣-	
♠J		♠Q98
♥Q73	N	♥-
♦-	W E	♦K10
♣85	S	♣-
	♠1053	
	♥-	
	♦-	
	♣KQ	

West leads ♥K

South counts 1 loser in spades, 1 in diamonds and 3 in hearts.

His only plain winners are ♠AK and ♥A, so he needs 8 trump tricks. Which he can make by ruffing 3 hearts in dummy.

Since he needs only 3 ruffs can he afford to draw 1 round of trump but before he does he must check something. While he is ruffing hearts how will he get back to hand? **By ruffing diamonds.**

To prepare for diamond ruffs he must **concede a diamond trick.**

When opponents win the diamond they might lead a trump.

One round of trump is not fatal - but a second round would be.

South should concede a diamond **before drawing any rounds of trump.** The play goes: win ♥A and play ♦5

Let us suppose that West wins and plays a trump.

South wins in hand, and starts his crossruff.

He ruffs 3 hearts in dummy, returning to hand twice by ruffing diamonds. He has lost one trick and made seven

The lead is in dummy, and the remaining cards are as shown.

East had only 2 hearts and has made 2 discards while hearts were ruffed. But he has no trump left, so that does not matter.

But West had only 2 diamonds, and he has thrown a spade.

South wants to get back to hand to draw trump, but the only way is by ruffing a diamond.

Which reduces his trump to just one, **one fewer than West.**

It also gives West the chance to throw his last spade.

South can cash his last trump, but when he tries to take his two spade tricks West ruffs and cashes two hearts. Two down

Was there any way to avoiding this fate?

**Cash ♠A and ♠K early before starting the crossruff**

### The Partial Crossruff

All Vul	♠K6	
Dealer	♥J1042	
West	♦A5432	♣K2
♠Q1087		♠J94
♥75	N	♥KQ9
♦KQJ8	W E	♦1076
♣J75	S	♣10963
	♠A532	
	♥A863	
	♦9	
	♣AQ84	

West	North	East	South
-	-	-	1♥
Pass	3♥	Pass	4♥
All Pass			

West leads ♦K to North's ace.

South counts 2 spade losers, 1 club, and at least 2 hearts, too many. Counting winners he has: 2 spades, 1 diamond and 3 clubs, leaving 4 to come from the trump suit.

If he tries to draw trump by playing ace and another East may play a third round. That would leave him with just 3 trump tricks.

So he **ducks** the first round of trump.

Whatever East returns South cashes ♥A, leaving just 1 trump out.

Now he cashes all his winners in the black suits.

Finally, he **crossruffs** his remaining losers.

East may be able to overruff, but since he has only one trump left he can do no damage by playing a third round of trump.