

§65. Length-showing Signals.

By the end of this chapter you should understand the following terms:

Length Signals: A method by which one defender can indicate to his partner the length held in a particular suit. The standard procedure is to play high-low with an even number of cards and play the lowest with an odd number of cards.
(*Encyclopaedia of Bridge*).

Length-showing signals are the cards played on declarer's (or dummy's) lead when the idea is to tell your fellow defender how many of the suit you have. This is most often useful in No-trumps when the object of the exercise is to isolate a long suit and *disrupt the entries*. It also depends on the defenders *counting the suits*.

Here is a simple (and fairly common) example, played in 3NT by West after the bidding 2NT – 3NT. You are defending in the South seat:

Hand 1		♠ K 9 6 2	
West plays in 3NT.		♥ J 10 9 4	
North leads the ♥J.		♦ 9 6 3	
		♣ 8 4	
♠ A Q 7	Declarer	N	Dummy
♥ A 8 5			
♦ A K Q J			
♣ 7 5 2		S	
		♠ 8 5 4	
		♥ Q 6 3	
		♦ 7 5	
		♣ K Q J 10 6	
		♠ J 10 3	
		♥ K 7 2	
		♦ 10 8 4 2	
		♣ A 9 3	

North leads the ♥J to the ♥3, your ♥7 (you should show some encouragement here) and declarer's ♥A. Inevitably, West plays on Clubs at trick two, leading low to the ♠10. How do you defend as South?

It would be weak defence to take the ♣A on the first round of the suit as now all the Clubs on the table would be winners and declarer would have a link to them. Best defence is to hold up the Ace until West has no more Clubs. Suppose, therefore, you duck the ♣A by playing the ♣3. What happens when declarer leads another Club?

Should you take the first Club and return a Spade (say) declarer would have a cakewalk to his contract, making one Spade, one Heart, four Diamonds and four Clubs for ten tricks. If you were to take the second round the effect would be the same; declarer would make an overtrick. The winning defence is to hold up the ♣A for two rounds, holding West to just *two* Club tricks and eight in all.

However, supposing this were the layout:

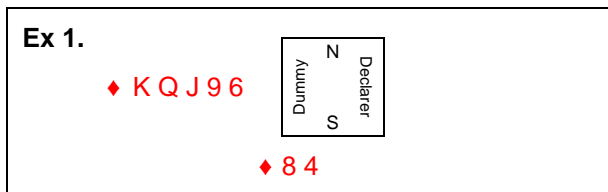
Hand 2		♠ K 9 6 2	
West plays in 3NT.		♥ J 10 9 4	
North leads the ♥J.		♦ 9 6	
		♣ 8 4 2	
♠ A Q 7	Declarer	N	Dummy
♥ A 8 5			
♦ A K Q J 3			
♣ 7 5		S	
		♠ 8 5 4	
		♥ Q 6 3	
		♦ 7 5	
		♣ K Q J 10 6	
		♠ J 10 3	
		♥ K 7 2	
		♦ 10 8 4 2	
		♣ A 9 3	

The play starts as in Hand 1 – the ♥J lead to the ♥A and a Club to the ♠10 on table. Next comes the ♣K. If you were to hold up your ♣A again, West would make his contract with one Spade, one Heart, five Diamonds and two Clubs. The winning defence this time is to take the **second** round of Clubs. So, the key question is: *How can you tell?*

The answer is for North to tell you how many Clubs he has. The conventional way of doing this is to follow **upwards** with an **odd number** and to play **high-low** (a *peter*) with an **even number**. In this instance (Hand 2) North's ♣2 shows an odd number of Clubs. North cannot hold five Clubs and there is nothing you can do if partner only has one Club, so you must assume that North has three. A small calculation shows that West has only two Clubs and that you should put your ♣A on the second round of the suit.

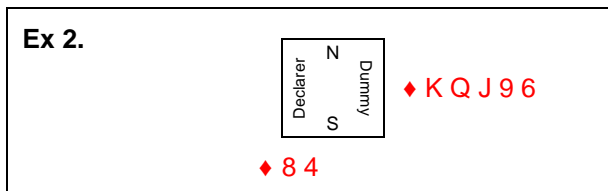
On Hand 1 North's first Club should be the ♣8, the beginning of a peter. If you read that as a doubleton (and you should be able to do that) you should see the need to duck your Ace twice.

Thus, to clarify, if dummy holds long Diamonds in a No-trump contract, as in Example 1:



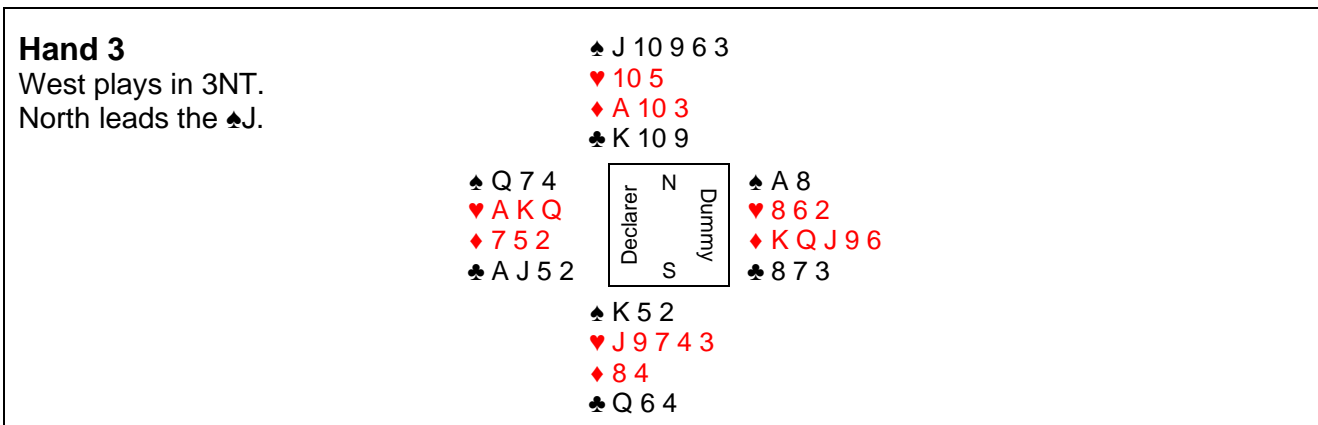
then, as South, you must play the ♦8 on the first round of the suit. By playing high-low (*petering*) you are showing an even number and North can probably work out that you have just two cards in the suit. In any case, this play should enable your partner, North, to count the suit accurately – if he holds the ♦A he is depending on you to remember to play your part!

This idea holds for both defenders. If you were sitting *over* the dummy then, in general, you would follow the same rules. So, with Example 2 you would defend in identical fashion:



As South in this position you'd again peter with the ♦8 if declarer played a Diamond to dummy's Jack (or led a Diamond honour from the table). This would allow North an insight into the layout of the suit and would enable him to decide how to defend correctly, always assuming he held the ♦A, of course.

To see the importance of this idea, consider this suit in the context of a complete hand, played in 3NT. As usual, you are defending in the South seat.



North leads the ♠J. Declarer ducks that on the table, enabling you to take the King and return a Spade, knocking out the entry to dummy's Diamonds. Declarer now comes to hand with a Heart and plays a Diamond, hoping to railroad the defenders into playing the ♦A too early. How should you defend sitting South? Indeed, has this hand got anything to do with you?

As in Hand 1, it would be poor defence for North to grab the ♦A on the first round – what would be the point of that? But it might be best to take the Ace on the second round, depending on whether declarer started with two Diamonds or three. The key to the defence is the Diamond played by you on the first round of the suit, indicating your length in the suit. Here, you should play the ♦8, so North is able to deduce that you started life with two Diamonds only, and that consequently declarer has three of them.

When declarer tries some more shenanigans, by returning to hand with a Heart and playing another Diamond, North now knows what to do (or what **not** to do). Aware that West has a third Diamond, he plays low, allowing the ♦Q to score. Now dummy is isolated, the East-West communications are wrecked and declarer has nowhere to go for his ninth trick.

There are lessons for declarer here as well. In order to scramble the defenders' signals, it is often good declarer play to conceal the Two if you have it. Hand 4 offers an example of how to make life awkward for defenders. We have placed you as declarer here, to see if you can slip through a game contract that might be defeated.

You are playing as South in the inevitable 3NT, against which West leads the ♥10. Should you make the contract?

<p>Hand 4 South plays in 3NT. West leads the ♥10.</p>	<table style="margin: auto;"> <tr><td>♠ J 7 4</td></tr> <tr><td>♥ A 4</td></tr> <tr><td>♦ 5 3 2</td></tr> <tr><td>♣ K Q J 10 5</td></tr> </table>	♠ J 7 4	♥ A 4	♦ 5 3 2	♣ K Q J 10 5											
♠ J 7 4																
♥ A 4																
♦ 5 3 2																
♣ K Q J 10 5																
<table style="margin: auto;"> <tr><td>♠ K 10 6</td></tr> <tr><td>♥ 10 9 8 6 2</td></tr> <tr><td>♦ 9 4</td></tr> <tr><td>♣ 8 4 3</td></tr> </table>	♠ K 10 6	♥ 10 9 8 6 2	♦ 9 4	♣ 8 4 3	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2" style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">W</td><td style="text-align: center;">E</td></tr> <tr><td colspan="2" style="text-align: center;">Declarer</td></tr> </table>	Dummy		W	E	Declarer		<table style="margin: auto;"> <tr><td>♠ A 9 5 2</td></tr> <tr><td>♥ K 7 3</td></tr> <tr><td>♦ J 8 6</td></tr> <tr><td>♣ A 9 6</td></tr> </table>	♠ A 9 5 2	♥ K 7 3	♦ J 8 6	♣ A 9 6
♠ K 10 6																
♥ 10 9 8 6 2																
♦ 9 4																
♣ 8 4 3																
Dummy																
W	E															
Declarer																
♠ A 9 5 2																
♥ K 7 3																
♦ J 8 6																
♣ A 9 6																
	<table style="margin: auto;"> <tr><td>♠ Q 8 3</td></tr> <tr><td>♥ Q J 5</td></tr> <tr><td>♦ A K Q 10 7</td></tr> <tr><td>♣ 7 2</td></tr> </table>	♠ Q 8 3	♥ Q J 5	♦ A K Q 10 7	♣ 7 2											
♠ Q 8 3																
♥ Q J 5																
♦ A K Q 10 7																
♣ 7 2																

You duck the Heart lead to East's ♥K and that player returns a Heart, inconveniently removing the entry to dummy's Clubs. Imperturbably you lead the ♣K from the table, following with the ♣7 from your own hand. East, naturally enough, ducks the first Club and views his partner's ♣3 with a certain amount of suspicion.

Put yourself in East's seat as he tries to discern the Club layout. The crucial question East is asking himself is: *Where is the ♣2?*

If the Two is in the West hand then that player must have ♣3 2 doubleton; you therefore have three Clubs and East must duck the next round of Clubs to disconnect the North-South hands. If, on the other hand, you have the ♣2, then West has played his lowest Club so must have an odd number (in this case three) and East should take the second round of Clubs.

When you call for the ♣Q at trick three East is in a really unenviable position, not knowing whether to win or duck. A nasty guess! If East guesses wrong and ducks the second Club, you would run for home with five Diamonds, two Hearts and two Clubs.

Although there is no panacea to these problems caused by declarers who monkey around with small cards, it is worth pointing out that some positions can be exposed by clear (or clearer) signalling. Consider Example 3, with you sitting in your normal South seat:

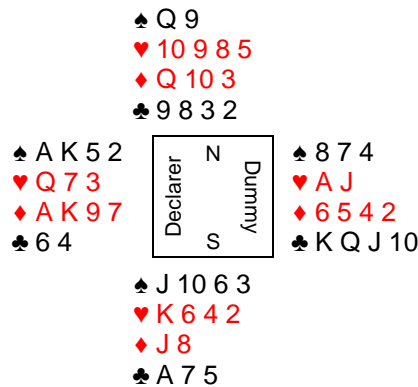
<p>Ex 3.</p>	<table style="margin: auto;"> <tr><td>♣ K Q J 10</td></tr> </table>	♣ K Q J 10				
♣ K Q J 10						
	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="text-align: center;">N</td></tr> <tr><td style="text-align: center;">Dummy</td><td style="text-align: center;">Declarer</td></tr> <tr><td style="text-align: center;">S</td></tr> </table>	N	Dummy	Declarer	S	
N						
Dummy	Declarer					
S						
	<table style="margin: auto;"> <tr><td>♣ 9 8 3 2</td></tr> </table>	♣ 9 8 3 2				
♣ 9 8 3 2						

If and when East leads a Club towards dummy, it is best play for you to follow with the ♣8 rather than with the ♣3. Your partner might misread the ♣3, believing it to be the bottom card of three with East having concealed the ♣2. It is not possible for the ♣8 to be the lowest from three small cards, so North will know that you have either two or four Clubs.

Hand 5 illustrates this point neatly (overleaf). You are defending 3NT from the South seat and the problem is to know how many Clubs to duck. Your partner leads the ♥10 from his sequence.

Hand 5

West plays in 3NT.
North leads the ♥10.



Dummy plays the ♥J on partner's lead, allowing you to take the King, Naturally enough, you return a Heart to remove dummy's ♥A, leaving the Club suit stranded. At trick three West leads the ♣K from dummy (which you duck, of course), on which a crafty declarer plays the ♣6, and then continues with the ♣Q. What next? Should you take your Ace or duck again?

Seeing all four hands it's clear that you should take the second round of Clubs; should you duck this also, then declarer would abandon Clubs and turn his attention to Diamonds. With the friendly 3-2 break he'd make two Spades, two Hearts, three Diamonds and two Clubs – and nine tricks in all.

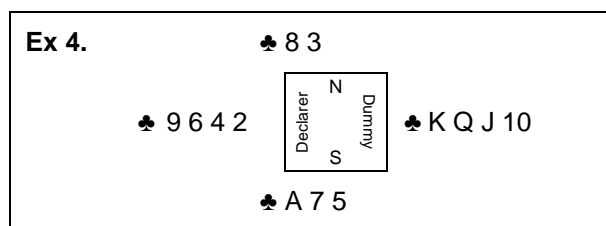
If you were to take the second Club, then dummy would be isolated and West would have to make all the tricks from his own hand. He'd be held to two Spades, two Hearts, three Diamonds and just one Club for a total of eight tricks. *How, though, can you tell?*

If North were to follow to the first Club with the ♣3 things would be as clear as mud to you. You would have no inkling as to whether that was the lowest card from three or the beginnings of a *peter*. Note, and this is crucial, that you have to make your decision about whether to win or duck before seeing either West's or North's card on the second round of Clubs.

To clarify matters for you, North should play the ♣8 (or, if he feels strongly about it, the ♣9) on the first round of Clubs. Now it should be clear to you that this cannot be the lowest card from three and must be the beginning of a high-low signal.

Now, you may start to quibble that you wouldn't know if North held two Clubs of four (the bidding may not have made that clear). True, but irrelevant. If North has four Clubs (as is the actual case) then you must take the second round of Clubs to cut the East-West link.

Suppose, though, that North has only two Clubs. Then this would be the layout:



With declarer and dummy having four Clubs each, you would be unable to cut communications between the East-West hands. Taking the second round of Clubs, therefore, would do no harm; holding off the ♣A to the third round would gain the defence nothing.

If you work it out you may see that you would be always right (or, perhaps, never wrong) to take the second round of Clubs if you know your partner has an even number.

§65. Example hands 1 to 4.

Hand 1 Love all, dealer North

♠ A 5
♥ 10 9 8
♦ K J 10 9 6
♣ 8 6 3

♠ J 9 7 3 2
♥ A K 6
♦ 8 5 2
♣ 7 5

N			
W		E	
			S

♠ K 8 6
♥ 7 4 3 2
♦ A 7 3
♣ 10 9 4

♠ Q 10 4
♥ Q J 5
♦ Q 4
♣ A K Q J 2

West	North	East	South
Pass	Pass	Pass	1♣
Pass	1♦	Pass	2NT
Pass	3NT	All Pass	
3NT by South		Opening lead: ♠3	

West leads the ♠3 against 3NT, ducked to East's ♠K, and a Spade return at trick two knocks out dummy's ♠A. Declarer now plays on Diamonds; a low one to the ♦Q and another to dummy. East needs to count the suit carefully; he can't afford to take the ♦A on the first round because then declarer would have four Diamond tricks. What is less clear is that ducking the second Diamond would also be fatal as then South would have two Spades, two Diamonds and five Clubs. The winning defence is to take the second Diamond and clear the Spades. *How can East tell?* Well, West's ♦2 shows an odd number, in this case three cards, so South can only have two. Job done.

Hand 2 North-South game, dealer East

♠ Q 10 4
♥ Q J 5
♦ Q 5 4
♣ A K Q J

♠ K 8 6
♥ 7 4 3 2
♦ A 7 3
♣ 10 9 4

N			
W		E	
			S

♠ J 9 7 3 2
♥ A K 6
♦ 8 2
♣ 7 5 2

♠ A 5
♥ 10 9 8
♦ K J 10 9 6
♣ 8 6 3

West	North	East	South
Pass	Pass	Pass	Pass
Pass	1♣	Pass	1♦
Pass	2NT	Pass	3NT
3NT by North		Opening lead: ♠3	

East leads the ♠3 against 3NT, ducked to West's ♠K, and a Spade return at trick two knocks out dummy's ♠A. North plays on Diamonds and West has to know how many times to duck. On this deal (in contrast to Hand 1) declarer has three cards in the suit, so West has to duck two rounds to isolate the dummy. *How can he tell?* Here, East should *peter* in Diamonds by playing the ♦8 before the ♦2 to show an even number of cards in the suit. This has to be from a doubleton, leaving declarer with a three-card holding. Now West knows enough to duck **two** rounds of Diamonds to cut communications. North may abandon Diamonds and play on Hearts, but he still can't make 3NT.

Hand 3 East-West game, dealer South

♠ Q 4
♥ J 9 8 7 2
♦ 7 6
♣ Q J 10 4

♠ A K 5 3
♥ A K 4 3
♦ K 8 3
♣ A K

N			
W		E	
			S

♠ 9 6 2
♥ 6 5
♦ Q J 9 5 2
♣ 8 7 5

♠ J 10 8 7
♥ Q 10
♦ A 10 4
♣ 9 6 3 2

West	North	East	South
2♣	Pass	2♦	Pass
2NT	Pass	3NT	All Pass
3NT by West		Opening lead: ♥7	

West plays in 3NT against the lead of the ♥7. With six top tricks, West's only chance is to bring in the Diamonds; he has to hope the ♦A is played early. Thus, he takes the ♥A and plays the ♦K, trying to force the ♦A. Taking the ♦A would be folly on South's part, but should he take the second round of Diamonds? Well, North should follow to the first two rounds with the ♦7 and the ♦6 (*petering*) to show a doubleton, so South can count his partner for two Diamonds and hence declarer for three. With that information, South ducks the second Diamond and West is stuck. He has to play Spades to be 3-3 now and the contract is defeated when they fail to oblige.

Hand 4 Game all, dealer West

♠ J 10 8 7
♥ Q 10
♦ A 10 4
♣ 9 6 3 2

♠ 9 6 2
♥ 6 5
♦ Q J 9 5 2
♣ 8 7 5

N			
W		E	
			S

♠ K 5 4
♥ A K 4
♦ K 3
♣ A K Q J 4

♠ A Q 3
♥ J 9 8 7 3 2
♦ 8 7 6
♣ 10

West	North	East	South
Pass	Pass	2♣	Pass
2♦	Pass	2NT	Pass
3NT	Pass	Pass	Pass
3NT by East		Opening lead: ♥7	

Here, dummy and the North cards are identical to the dummy and South cards of Hand 3. On this deal, though, East can make his 3NT contract if North-South allow declarer to sneak through two Diamond tricks. East takes the Heart lead and, concealing his Club suit, plays on Diamonds. North ducks the ♦K so East plays another Diamond. In Hand 3 it was right for the defender holding ♦A x x to duck two rounds of the suit, here it is fatal. How can North tell? Well, South follows upwards in Diamonds on this hand, showing an odd number, clearly three. With East marked with a doubleton, North takes the second round of Diamonds and sinks the contract.

§65. Example hands 5 to 8.

Hand 5 North-South game, dealer North

♠ A J 8
♥ A K Q
♦ Q 5 4
♣ A K 4 2

♠ K 9 5 3
♥ 4 2
♦ A 8 7
♣ Q 10 8 5

	N	
W		E
	S	

♠ Q 10 7
♥ J 10 9 8 7
♦ 3 2
♣ J 9 6

♠ 6 4 2
♥ 6 5 3
♦ K J 10 9 6
♣ 7 3

West	North	East	South
	2♣	Pass	2♦
Pass	2NT	Pass	3NT
Pass	Pass	Pass	
3NT by North		Opening lead: ♥J	

3NT by North on the ♥J lead. North has to make tricks in Diamonds so should play one at trick two. West can see East's ♦3 but cannot immediately read the suit – it could be the start of a *peter* from a doubleton (specifically the ♦3 2) or it could be the lowest from ♦5 4 3. The next round of Diamonds will clear things up for West, which will be especially easy if the lead comes from North as East will follow suit before West. Now it is clear to duck the ♦A twice. North does best, though, to play a Diamond to the ♦9 and a low Diamond off the table. Now West has to realise that the ♦2 is missing. If North has it (with his ♦Q) or East has it then it is still right to duck the ♦A.

Hand 6 East-West game, dealer East

♠ 6 3
♥ 9 8 6
♦ 6 5 4
♣ K J 10 7 6

♠ J 10 9 8
♥ Q 10 4
♦ J 9 3
♣ A 9 5

	N	
W		E
	S	

♠ Q 7 5
♥ J 7 3 2
♦ Q 10 8 2
♣ 4 3

♠ A K 4 2
♥ A K 5
♦ A K 7
♣ Q 8 2

West	North	East	South
			2♣
Pass	2♦	Pass	2NT
Pass	3NT	All Pass	
3NT by South		Opening lead: ♠J	

3NT by South on the ♠J lead and, as in Hand 5, West has to read the Club position. On this layout he has to make a decision "blind" if the Clubs are played in a certain way. If South plays a Club to dummy's ♣10 and a Club to his ♣Q, East's *peter* in Clubs (playing the ♣4 then the ♣3) tells West that South has three Clubs and that the ♣A should be ducked twice. But suppose that South chooses to lead the ♣Q (ducked) and then the ♣8 (or the ♣2)? Now West has to make a decision before seeing East's second card. Should he take the ♣A or duck again? Where are the missing ♣2 and ♣3? If East has them then he is *petering*, if South has one, he has three Clubs.

Hand 7 Game all, dealer South

♠ 7 3 2
♥ Q 10 6 5
♦ A K 3
♣ 10 8 6

♠ A 5 4
♥ 9 4 2
♦ Q 10 9 6 5
♣ 9 3

	N	
W		E
	S	

♠ K Q 8
♥ A K 8 3
♦ J 8
♣ A K J 5

♠ J 10 9 6
♥ J 7
♦ 7 4 2
♣ Q 7 4 2

West	North	East	South
			Pass
Pass	Pass	2NT	Pass
3NT	Pass	Pass	Pass
3NT by East		Opening lead: ♠J	

East plays in 3NT and South leads from his Spade sequence. East takes that in hand and attacks dummy's long suit – Diamonds. Now, when South plays the ♦2 on the first round he is marked with either one Diamond or three. If East has a doubleton, then North can mess declarer about nicely by ducking the first round of Diamonds. This way, East is held to just one Diamond trick as he lacks the entries to set up and reach the long suit on table. With Hearts not breaking and the Club finesse failing, 3NT should fall short of tricks. Taking the first Diamond, though is fatal. East would win the return, play another Diamond and make overtricks.

Hand 8 Love all, dealer West

♠ 10 9 5
♥ K 10 8 5 4
♦ J 10
♣ A 5 2

♠ A K 6 4
♥ A J 7
♦ A K Q 9
♣ Q 4

	N	
W		E
	S	

♠ 7 2
♥ 9 6 2
♦ 6 5 3 2
♣ K J 10 8

♠ Q J 8 3
♥ Q 3
♦ 8 7 4
♣ 9 7 6 3

West	North	East	South
2♣	Pass	2♦	Pass
2NT	Pass	3NT	All Pass
3NT by West		Opening lead: ♥5	

3NT by West on the ♥5 lead to the ♥Q and ♥A. With seven top tricks (assuming a 3-2 Diamond break) declarer has to play on Clubs. The ♣Q is ducked and a second Club follows. If North ducks that, the contract would make (two Clubs, a Heart, four Diamonds and two Spades). Correct defence is for North to take the ♣A on the second round. *How can he tell?* Well, what should he make of South's ♣7 on the first round? It can't be the lowest of three, so South has two or four. If he has two Clubs, then West has four and no defence works. If South has four Clubs, then North must take the second round of the suit. Having taken the ♣A North then has to exit *passively* (with the ♦J, say) and wait for his Hearts.

§65. Quiz A on Length-showing Signals.

You are **South**, defending against East. Which card do you play at the stated point?

Q1.

<p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p>	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">North</td></tr> <tr><td style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">South</td></tr> </table>	North	Dummy	South	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">Declarer</td></tr> </table>	Declarer	<table border="1" style="font-size: small; width: 100%;"> <tr><td style="text-align: center;">West</td><td style="text-align: center;">North</td><td style="text-align: center;">East</td><td style="text-align: center;">South</td></tr> <tr><td></td><td></td><td style="text-align: center;">2NT</td><td style="text-align: center;">Pass</td></tr> <tr><td style="text-align: center;">3NT</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td></tr> </table>	West	North	East	South			2NT	Pass	3NT	Pass	Pass	Pass	<p>East plays in 3NT</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦Q.</p> <p>Which card do you play?</p> <p>Why?</p>
North																				
Dummy																				
South																				
Declarer																				
West	North	East	South																	
		2NT	Pass																	
3NT	Pass	Pass	Pass																	
<p>♠ J 10 9 7 ♥ A 10 ♦ 7 4 2 ♣ K 8 6 4</p>																				

Q2.

<p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p>	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">North</td></tr> <tr><td style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">South</td></tr> </table>	North	Dummy	South	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">Declarer</td></tr> </table>	Declarer	<table border="1" style="font-size: small; width: 100%;"> <tr><td style="text-align: center;">West</td><td style="text-align: center;">North</td><td style="text-align: center;">East</td><td style="text-align: center;">South</td></tr> <tr><td></td><td></td><td style="text-align: center;">2NT</td><td style="text-align: center;">Pass</td></tr> <tr><td style="text-align: center;">3NT</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td></tr> </table>	West	North	East	South			2NT	Pass	3NT	Pass	Pass	Pass	<p>East plays in 3NT.</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦Q.</p> <p>Which card do you play?</p> <p>Why?</p>
North																				
Dummy																				
South																				
Declarer																				
West	North	East	South																	
		2NT	Pass																	
3NT	Pass	Pass	Pass																	
<p>♠ J 10 9 7 ♥ A 10 2 ♦ 7 4 ♣ K 8 6 4</p>																				

Q3.

<p>♠ A ♥ 7 6 5 ♦ K J 4 3 ♣ K Q 10 8 7</p>	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">North</td></tr> <tr><td style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">South</td></tr> </table>	North	Dummy	South	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">Declarer</td></tr> </table>	Declarer	<table border="1" style="font-size: small; width: 100%;"> <tr><td style="text-align: center;">West</td><td style="text-align: center;">North</td><td style="text-align: center;">East</td><td style="text-align: center;">South</td></tr> <tr><td></td><td></td><td style="text-align: center;">1NT</td><td style="text-align: center;">Pass</td></tr> <tr><td style="text-align: center;">3NT</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td></tr> </table>	West	North	East	South			1NT	Pass	3NT	Pass	Pass	Pass	<p>East plays in 3NT.</p> <p>You lead the ♠Q, East wins with dummy's ♠A, crosses to the ♥K and leads the ♣5.</p> <p>Which card do you play?</p> <p>Why?</p>
North																				
Dummy																				
South																				
Declarer																				
West	North	East	South																	
		1NT	Pass																	
3NT	Pass	Pass	Pass																	
<p>♠ Q J 10 8 ♥ 9 8 4 2 ♦ A 5 3 ♣ 9 4</p>																				

Q4.

<p>♠ K 3 ♥ A 10 ♦ Q 6 5 2 ♣ Q J 9 7 6</p>	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">North</td></tr> <tr><td style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">South</td></tr> </table>	North	Dummy	South	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">Declarer</td></tr> </table>	Declarer	<table border="1" style="font-size: small; width: 100%;"> <tr><td style="text-align: center;">West</td><td style="text-align: center;">North</td><td style="text-align: center;">East</td><td style="text-align: center;">South</td></tr> <tr><td></td><td></td><td style="text-align: center;">1NT</td><td style="text-align: center;">Pass</td></tr> <tr><td style="text-align: center;">3NT</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td></tr> </table>	West	North	East	South			1NT	Pass	3NT	Pass	Pass	Pass	<p>East plays in 3NT.</p> <p>You lead the ♥4, dummy plays the ♥10, North wins the ♥K and returns the ♥7 to the ♥A. Dummy leads the ♣6 to North's ♣3 and East's ♣K.</p> <p>Which card do you play?</p> <p>Why?</p>
North																				
Dummy																				
South																				
Declarer																				
West	North	East	South																	
		1NT	Pass																	
3NT	Pass	Pass	Pass																	
<p>♠ 8 6 4 ♥ J 8 5 4 2 ♦ K 9 3 ♣ 10 4</p>																				

Q5.

<p>♠ 8 4 ♥ 8 6 2 ♦ K J 10 9 ♣ J 5 3 2</p>	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">North</td></tr> <tr><td style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">South</td></tr> </table>	North	Dummy	South	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">Declarer</td></tr> </table>	Declarer	<table border="1" style="font-size: small; width: 100%;"> <tr><td style="text-align: center;">West</td><td style="text-align: center;">North</td><td style="text-align: center;">East</td><td style="text-align: center;">South</td></tr> <tr><td></td><td></td><td style="text-align: center;">2NT</td><td style="text-align: center;">Pass</td></tr> <tr><td style="text-align: center;">3NT</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td></tr> </table>	West	North	East	South			2NT	Pass	3NT	Pass	Pass	Pass	<p>East plays in 3NT.</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦Q.</p> <p>Which card do you play?</p> <p>Why?</p>
North																				
Dummy																				
South																				
Declarer																				
West	North	East	South																	
		2NT	Pass																	
3NT	Pass	Pass	Pass																	
<p>♠ J 10 9 7 ♥ A 10 ♦ 7 6 3 2 ♣ K 10 8</p>																				

Q6.

<p>♠ 8 6 3 ♥ Q 5 2 ♦ A 10 4 2 ♣ 9 6 4</p>	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">North</td></tr> <tr><td style="text-align: center;">Dummy</td></tr> <tr><td style="text-align: center;">South</td></tr> </table>	North	Dummy	South	<table border="1" style="font-size: small;"> <tr><td style="text-align: center;">Declarer</td></tr> </table>	Declarer	<table border="1" style="font-size: small; width: 100%;"> <tr><td style="text-align: center;">West</td><td style="text-align: center;">North</td><td style="text-align: center;">East</td><td style="text-align: center;">South</td></tr> <tr><td></td><td></td><td style="text-align: center;">2NT</td><td style="text-align: center;">Pass</td></tr> <tr><td style="text-align: center;">3NT</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td><td style="text-align: center;">Pass</td></tr> </table>	West	North	East	South			2NT	Pass	3NT	Pass	Pass	Pass	<p>East plays in 3NT.</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦3.</p> <p>Which card do you play?</p> <p>Why?</p>
North																				
Dummy																				
South																				
Declarer																				
West	North	East	South																	
		2NT	Pass																	
3NT	Pass	Pass	Pass																	
<p>♠ J 10 9 7 ♥ J 9 7 ♦ J 6 ♣ A 10 5 3</p>																				

Answers to Quiz A.

<p>A1.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p> </div> <div style="width: 10%; text-align: center;"> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Dummy</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">North</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Declarer</td></tr> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">South</td><td></td><td></td></tr> </table> </div> <div style="width: 45%;"> <p>♠ J 10 9 7 ♥ A 10 ♦ 7 4 2 ♣ K 8 6 4</p> </div> </div>	Dummy	North	Declarer	South			<p>East plays in 3NT</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦Q.</p> <p>Which card do you play?</p> <p>Why?</p>	<p>The ♦2.</p> <p>You have an odd number of Diamonds and therefore you should play the suit upwards. If partner has the ♦A he will be able to count the suit and will know how many rounds to duck</p>
Dummy	North	Declarer						
South								
<p>A2.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p> </div> <div style="width: 10%; text-align: center;"> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Dummy</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">North</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Declarer</td></tr> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">South</td><td></td><td></td></tr> </table> </div> <div style="width: 45%;"> <p>♠ J 10 9 7 ♥ A 10 2 ♦ 7 4 ♣ K 8 6 4</p> </div> </div>	Dummy	North	Declarer	South			<p>East plays in 3NT.</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦Q.</p> <p>Which card do you play?</p> <p>Why?</p>	<p>The ♦7.</p> <p>You have an even number of Diamonds and therefore you should play the suit by playing high-low or <i>petering</i>. If North has the ♦A he will be able to count the suit and will know how many rounds to duck.</p>
Dummy	North	Declarer						
South								
<p>A3.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>♠ A ♥ 7 6 5 ♦ K J 4 3 ♣ K Q 10 8 7</p> </div> <div style="width: 10%; text-align: center;"> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Dummy</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">North</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Declarer</td></tr> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">South</td><td></td><td></td></tr> </table> </div> <div style="width: 45%;"> <p>♠ Q J 10 8 ♥ 9 8 4 2 ♦ A 5 3 ♣ 9 4</p> </div> </div>	Dummy	North	Declarer	South			<p>East plays in 3NT.</p> <p>You lead the ♠Q, East wins with dummy's ♠A, crosses to the ♥K and leads the ♣5.</p> <p>Which card do you play?</p> <p>Why?</p>	<p>The ♣9.</p> <p>You have an even number of Clubs and therefore you should <i>peter</i> in the suit by playing high-low. Give partner all the help he needs to work out if (and for how long) to hold up his ♣A, always assuming he has it.</p>
Dummy	North	Declarer						
South								
<p>A4.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>♠ K 3 ♥ A 10 ♦ Q 6 5 2 ♣ Q J 9 7 6</p> </div> <div style="width: 10%; text-align: center;"> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Dummy</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">North</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Declarer</td></tr> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">South</td><td></td><td></td></tr> </table> </div> <div style="width: 45%;"> <p>♠ 8 6 4 ♥ J 8 5 4 2 ♦ K 9 3 ♣ 10 4</p> </div> </div>	Dummy	North	Declarer	South			<p>East plays in 3NT.</p> <p>You lead the ♥4 to dummy's ♥10 and North's ♥K. Partner returns the ♥7 to the ♥A. Dummy leads the ♣6 to North's ♣3 and East's ♣K.</p> <p>Which card do you play?</p> <p>Why?</p>	<p>The ♠10.</p> <p>Once again, you have an even number of the critical suit (Clubs in this example) and you must <i>peter</i> in the suit to tell North what to do if he has the ♣A. The Ten is worthless here, so you can afford to play high-low.</p>
Dummy	North	Declarer						
South								
<p>A5.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>♠ 8 4 ♥ 8 6 2 ♦ K J 10 9 ♣ J 5 3 2</p> </div> <div style="width: 10%; text-align: center;"> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Dummy</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">North</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Declarer</td></tr> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">South</td><td></td><td></td></tr> </table> </div> <div style="width: 45%;"> <p>♠ J 10 9 7 ♥ A 10 ♦ 7 6 3 2 ♣ K 10 8</p> </div> </div>	Dummy	North	Declarer	South			<p>East plays in 3NT.</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦Q.</p> <p>Which card do you play?</p> <p>Why?</p>	<p>The ♦6. (Or even the ♦7)</p> <p>With an even number of Diamonds you should <i>peter</i> in the suit. With four worthless cards it is often a much clearer length-showing signal if you start your high-low peter with the second-highest card rather than the third-highest.</p>
Dummy	North	Declarer						
South								
<p>A6.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>♠ 8 6 3 ♥ Q 5 2 ♦ A 10 4 2 ♣ 9 6 4</p> </div> <div style="width: 10%; text-align: center;"> <table border="1" style="font-size: 8px; border-collapse: collapse;"> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Dummy</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">North</td><td style="writing-mode: vertical-rl; transform: rotate(180deg);">Declarer</td></tr> <tr><td style="writing-mode: vertical-rl; transform: rotate(180deg);">South</td><td></td><td></td></tr> </table> </div> <div style="width: 45%;"> <p>♠ J 10 9 7 ♥ J 9 7 ♦ J 6 ♣ A 10 5 3</p> </div> </div>	Dummy	North	Declarer	South			<p>East plays in 3NT.</p> <p>You lead the ♠J, East wins with the ♠K and immediately leads the ♦3.</p> <p>Which card do you play?</p> <p>Why?</p>	<p>The ♦6.</p> <p>This is not a length-showing position. There is no long suit to count and honour cards are too precious to waste on thin air. This is very much a "Second player plays low" position. (See §63, Ex 5).</p>
Dummy	North	Declarer						
South								

§65. Quiz B on Length-showing Signals.

You are **South**, defending against West. How should you defend these hands?

<p>Q1.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table> </td> <td style="width: 15%; padding-left: 10px;"> ♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2 </td> </tr> </table> <p style="margin-top: 10px;"> ♠ 6 5 3 2 ♥ Q 7 5 3 2 ♦ A 8 3 ♣ 9 </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;">West</td><td style="width: 25%;">North</td><td style="width: 25%;">East</td><td style="width: 25%;">South</td></tr> <tr><td>2NT</td><td>Pass</td><td>3NT</td><td>Pass</td></tr> <tr><td>Pass</td><td>Pass</td><td></td><td></td></tr> </table>	West	North	East	South	2NT	Pass	3NT	Pass	Pass	Pass			West plays in 3NT. Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦Q. North follows with the ♦2. How many Diamonds has North? How do you defend the hand?
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2															
North	Dummy																			
Declarer	South																			
West	North	East	South																	
2NT	Pass	3NT	Pass																	
Pass	Pass																			
<p>Q2.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table> </td> <td style="width: 15%; padding-left: 10px;"> ♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2 </td> </tr> </table> <p style="margin-top: 10px;"> ♠ Q 6 5 3 ♥ Q 7 5 2 ♦ A 8 3 ♣ 10 9 </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;">West</td><td style="width: 25%;">North</td><td style="width: 25%;">East</td><td style="width: 25%;">South</td></tr> <tr><td>2NT</td><td>Pass</td><td>3NT</td><td>Pass</td></tr> <tr><td>Pass</td><td>Pass</td><td></td><td></td></tr> </table>	West	North	East	South	2NT	Pass	3NT	Pass	Pass	Pass			West plays in 3NT. Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦Q. North follows with the ♦7. How many Diamonds has North? How do you defend the hand?
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2															
North	Dummy																			
Declarer	South																			
West	North	East	South																	
2NT	Pass	3NT	Pass																	
Pass	Pass																			
<p>Q3.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table> </td> <td style="width: 15%; padding-left: 10px;"> ♠ 8 7 2 ♥ J 4 3 ♦ 8 6 ♣ K J 10 7 5 </td> </tr> </table> <p style="margin-top: 10px;"> ♠ 5 4 3 ♥ Q 10 8 2 ♦ J 9 7 ♣ A 8 6 </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 7 2 ♥ J 4 3 ♦ 8 6 ♣ K J 10 7 5	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;">West</td><td style="width: 25%;">North</td><td style="width: 25%;">East</td><td style="width: 25%;">South</td></tr> <tr><td>2NT</td><td>Pass</td><td>3NT</td><td>Pass</td></tr> <tr><td>Pass</td><td>Pass</td><td></td><td></td></tr> </table>	West	North	East	South	2NT	Pass	3NT	Pass	Pass	Pass			West plays in 3NT. Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♣Q. North follows with the ♣3 How many Clubs has North? How do you defend the hand?
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 7 2 ♥ J 4 3 ♦ 8 6 ♣ K J 10 7 5															
North	Dummy																			
Declarer	South																			
West	North	East	South																	
2NT	Pass	3NT	Pass																	
Pass	Pass																			
<p>Q4.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table> </td> <td style="width: 15%; padding-left: 10px;"> ♠ 8 4 ♥ 8 6 4 ♦ K J 10 9 ♣ J 5 3 2 </td> </tr> </table> <p style="margin-top: 10px;"> ♠ Q 6 5 3 ♥ Q 7 5 2 ♦ A 8 3 ♣ 9 4 </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 4 ♥ 8 6 4 ♦ K J 10 9 ♣ J 5 3 2	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;">West</td><td style="width: 25%;">North</td><td style="width: 25%;">East</td><td style="width: 25%;">South</td></tr> <tr><td>2NT</td><td>Pass</td><td>3NT</td><td>Pass</td></tr> <tr><td>Pass</td><td>Pass</td><td></td><td></td></tr> </table>	West	North	East	South	2NT	Pass	3NT	Pass	Pass	Pass			West plays in 3NT. Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦Q. North follows with the ♦6. How many Diamonds has North? How do you defend the hand?
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 8 4 ♥ 8 6 4 ♦ K J 10 9 ♣ J 5 3 2															
North	Dummy																			
Declarer	South																			
West	North	East	South																	
2NT	Pass	3NT	Pass																	
Pass	Pass																			
<p>Q5.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table> </td> <td style="width: 15%; padding-left: 10px;"> ♠ A 5 4 ♥ 9 4 2 ♦ Q 10 9 6 5 ♣ 9 3 </td> </tr> </table> <p style="margin-top: 10px;"> ♠ 7 3 2 ♥ Q 10 6 5 ♦ A K 7 ♣ 10 8 6 </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ A 5 4 ♥ 9 4 2 ♦ Q 10 9 6 5 ♣ 9 3	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;">West</td><td style="width: 25%;">North</td><td style="width: 25%;">East</td><td style="width: 25%;">South</td></tr> <tr><td>2NT</td><td>Pass</td><td>3NT</td><td>Pass</td></tr> <tr><td>Pass</td><td>Pass</td><td></td><td></td></tr> </table>	West	North	East	South	2NT	Pass	3NT	Pass	Pass	Pass			West plays in 3NT. Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦J. North follows with the ♦2 How many Diamonds has North? How do you defend the hand?
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ A 5 4 ♥ 9 4 2 ♦ Q 10 9 6 5 ♣ 9 3															
North	Dummy																			
Declarer	South																			
West	North	East	South																	
2NT	Pass	3NT	Pass																	
Pass	Pass																			
<p>Q6*.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table> </td> <td style="width: 15%; padding-left: 10px;"> ♠ 4 2 ♥ 6 5 3 ♦ Q 9 3 ♣ K Q 8 7 5 </td> </tr> </table> <p style="margin-top: 10px;"> ♠ 7 6 3 ♥ Q J 8 ♦ 10 5 4 2 ♣ A J 7 </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 4 2 ♥ 6 5 3 ♦ Q 9 3 ♣ K Q 8 7 5	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%;">West</td><td style="width: 25%;">North</td><td style="width: 25%;">East</td><td style="width: 25%;">South</td></tr> <tr><td>2NT</td><td>Pass</td><td>3NT</td><td>Pass</td></tr> <tr><td>Pass</td><td>Pass</td><td></td><td></td></tr> </table>	West	North	East	South	2NT	Pass	3NT	Pass	Pass	Pass			West plays in 3NT. Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♣6 to dummy's ♣Q. North follows with the ♣4. How many Clubs has North? How do you defend the hand?
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">North</td><td style="width: 50%; text-align: center;">Dummy</td></tr> <tr><td style="width: 50%; text-align: center;">Declarer</td><td style="width: 50%; text-align: center;">South</td></tr> </table>	North	Dummy	Declarer	South	♠ 4 2 ♥ 6 5 3 ♦ Q 9 3 ♣ K Q 8 7 5															
North	Dummy																			
Declarer	South																			
West	North	East	South																	
2NT	Pass	3NT	Pass																	
Pass	Pass																			

Answers to Quiz B.

<p>A1.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table> </td> <td style="padding: 2px;"> <p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p> </td> </tr> </table> <p>♠ 6 5 3 2 ♥ Q 7 5 3 2 ♦ A 8 3 ♣ 9</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p>	<p>West plays in 3NT.</p> <p>Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦Q. North follows with the ♦2.</p> <p>How many Diamonds has North?</p> <p>How do you defend the hand?</p>	<p>North has three Diamonds (or possibly a singleton). You should duck the ♦Q and take the second round with the ♦A.</p> <p>If North has three Diamonds taking the second round will kill dummy. If North has only one Diamond, West has four of them and no defence will work.</p>
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p>			
North	Dummy							
Declarer	South							
<p>A2.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table> </td> <td style="padding: 2px;"> <p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p> </td> </tr> </table> <p>♠ Q 6 5 3 ♥ Q 7 5 2 ♦ A 8 3 ♣ 10 9</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p>	<p>West plays in 3NT.</p> <p>Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦Q. North follows with the ♦7.</p> <p>How many Diamonds has North?</p> <p>How do you defend the hand?</p>	<p>North has two Diamonds (or just a singleton). You must not take your ♦A until the third round of the suit as West should have three Diamonds.</p> <p>If declarer has four (and North a singleton) there is no defence as you cannot cut the link between dummy and declarer.</p>
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 4 ♥ 8 6 ♦ K J 10 9 6 ♣ 7 5 3 2</p>			
North	Dummy							
Declarer	South							
<p>A3.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table> </td> <td style="padding: 2px;"> <p>♠ 8 7 2 ♥ J 4 3 ♦ 8 6 ♣ K J 10 7 5</p> </td> </tr> </table> <p>♠ 5 4 3 ♥ Q 10 8 2 ♦ J 9 7 ♣ A 8 6</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 7 2 ♥ J 4 3 ♦ 8 6 ♣ K J 10 7 5</p>	<p>West plays in 3NT.</p> <p>Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♣Q. North follows with the ♣3</p> <p>How many Clubs has North?</p> <p>How do you defend the hand?</p>	<p>It's unclear. The ♣3 may be the start of a <i>peter</i> from ♣3 2 or it may be the lowest of three (♣9 4 3). You must wait and see what North does on the next round of Clubs.</p> <p>Then (and only then) will you know how many Clubs everyone has and whether to duck your ♣A or take it.</p>
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 7 2 ♥ J 4 3 ♦ 8 6 ♣ K J 10 7 5</p>			
North	Dummy							
Declarer	South							
<p>A4.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table> </td> <td style="padding: 2px;"> <p>♠ 8 4 ♥ 8 6 4 ♦ K J 10 9 ♣ J 5 3 2</p> </td> </tr> </table> <p>♠ Q 6 5 3 ♥ Q 7 5 2 ♦ A 8 3 ♣ 9 4</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 4 ♥ 8 6 4 ♦ K J 10 9 ♣ J 5 3 2</p>	<p>West plays in 3NT.</p> <p>Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦Q. North follows with the ♦6.</p> <p>How many Diamonds has North?</p> <p>How do you defend the hand?</p>	<p>North has an even number of Diamonds as the ♦6 cannot be the lowest of three.</p> <p>If North has just two then declarer has four and West always has three Diamond tricks. If North has four, though, declarer has only two, so you should take the second round of Diamonds.</p>
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 8 4 ♥ 8 6 4 ♦ K J 10 9 ♣ J 5 3 2</p>			
North	Dummy							
Declarer	South							
<p>A5.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table> </td> <td style="padding: 2px;"> <p>♠ A 5 4 ♥ 9 4 2 ♦ Q 10 9 6 5 ♣ 9 3</p> </td> </tr> </table> <p>♠ 7 3 2 ♥ Q 10 6 5 ♦ A K 7 ♣ 10 8 6</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ A 5 4 ♥ 9 4 2 ♦ Q 10 9 6 5 ♣ 9 3</p>	<p>West plays in 3NT.</p> <p>Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♦J. North follows with the ♦2</p> <p>How many Diamonds has North?</p> <p>How do you defend the hand?</p>	<p>Probably three, maybe only one.</p> <p>If West has four Diamonds there is nothing you can do to defend the hand successfully, but if he has only a doubleton then you can mess declarer about by ducking the ♦J. Dummy is now short of entries to get the Diamonds going. (See Example hands No. 7).</p>
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ A 5 4 ♥ 9 4 2 ♦ Q 10 9 6 5 ♣ 9 3</p>			
North	Dummy							
Declarer	South							
<p>A6.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; border: 1px solid black; padding: 2px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table> </td> <td style="padding: 2px;"> <p>♠ 4 2 ♥ 6 5 3 ♦ Q 9 3 ♣ K Q 8 7 5</p> </td> </tr> </table> <p>♠ 7 6 3 ♥ Q J 8 ♦ 10 5 4 2 ♣ A J 7</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 4 2 ♥ 6 5 3 ♦ Q 9 3 ♣ K Q 8 7 5</p>	<p>West plays in 3NT.</p> <p>Your partner, North, leads the ♠J. Declarer wins with the ♠K and leads the ♣6 to dummy's ♣Q. North follows with the ♣4.</p> <p>How many Clubs has North?</p> <p>How do you defend the hand?</p>	<p>It's unclear about the lie of the Club suit – who has the ♣2?</p> <p>In any case, it doesn't really matter. Whenever you hold the A J x over the K Q x it is almost always right to duck (smoothly) so that you retain a <i>major tenace</i> over dummy. That will mess declarer about nicely no matter what he has.</p>
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">North</td> <td style="width: 50%; text-align: center;">Dummy</td> </tr> <tr> <td style="width: 50%; text-align: center;">Declarer</td> <td style="width: 50%; text-align: center;">South</td> </tr> </table>	North	Dummy	Declarer	South	<p>♠ 4 2 ♥ 6 5 3 ♦ Q 9 3 ♣ K Q 8 7 5</p>			
North	Dummy							
Declarer	South							

Hand Number 1.

Contract: 3NT

By: South

Bidding

North	East	South	West
Pass	Pass	1♣	Pass
1♦	Pass	2NT	Pass
3NT	Pass	Pass	Pass

Lead: ♠3

Hand Number 2.

Contract: 3NT

By: North

Bidding

East	South	West	North
Pass	Pass	Pass	1♣
Pass	1♦	Pass	2NT
Pass	3NT	Pass	Pass
Pass			

Lead: ♠3

Hand Number 3.

Contract: 3NT

By: West

Bidding

South	West	North	East
Pass	2♣	Pass	2♦
Pass	2NT	Pass	3NT
Pass	Pass	Pass	

Lead: ♥7

Hand Number 4.

Contract: 3NT

By: East

Bidding

West	North	East	South
Pass	Pass	2♣	Pass
2♦	Pass	2NT	Pass
3NT	Pass	Pass	Pass

Lead: ♥7

Hand Number 5.

Contract: 3NT

By: North

Bidding

North	East	South	West
2♣	Pass	2♦	Pass
2NT	Pass	3NT	Pass
Pass	Pass		

Lead: ♥J

Hand Number 6.

Contract: 3NT

By: South

Bidding

East	South	West	North
Pass	2♣	Pass	2♦
Pass	2NT	Pass	3NT
Pass	Pass	Pass	

Lead: ♠J

Hand Number 7.

Contract: 3NT

By: East

Bidding

South	West	North	East
Pass	Pass	Pass	2NT
Pass	3NT	Pass	Pass
Pass			

Lead: ♠J

Hand Number 8.

Contract: 3NT

By: West

Bidding

West	North	East	South
2♣	Pass	2♦	Pass
2NT	Pass	3NT	Pass
Pass	Pass		

Lead: ♥5