

## Quantitative Raises – Foundation Level

(DLM ref : HBSET2)

<p>♠ J72 ♥ A8652 ♦ K97 ♣ A10</p> <p>♠ 10953      ♠ AKQ8 ♥ J              ♥ Q109 ♦ QJ108       ♦ 632 ♣ KQ92       ♣ J76</p> <p>♠ 64 ♥ K743 ♦ A54 ♣ 8543</p>	<p>Board 1 : Dealer North : Love all</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td></td> <td>1♥</td> <td>Pass</td> <td>2♥</td> </tr> </table> <p>All Pass</p> <p>North opens 1♥, his longest suit. South's 2♥ shows 6-9 points and four hearts. North doesn't have enough for game even if South has 8-9 points so he passes.</p> <p>East leads ♠A. Note that North loses only two spade tricks because he can ruff the third one in dummy. He cashes ♥A K as soon as he gets the chance and makes eight tricks.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>		1♥	Pass	2♥				
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
	1♥	Pass	2♥										
<p>♠ 109543 ♥ J ♦ A108 ♣ KQ92</p> <p>♠ 6              ♠ J72 ♥ K743        ♥ A8652 ♦ Q542        ♦ K97 ♣ 8543        ♣ A10</p> <p>♠ AKQ8 ♥ Q109 ♦ J63 ♣ J76</p>	<p>Board 2 : Dealer East : NS vulnerable</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td>2♥</td> <td>All Pass</td> <td>1♥</td> <td>Pass</td> </tr> </table> <p>East opens 1♥, his longest suit. West's 2♥ shows 6-9 points and four hearts. On this occasion he has only five points but the side suit singleton is worth approximately a king.</p> <p>If East is careful he can trump two spades in dummy. For example, South leads ♠A (top of a sequence) and switches to a club. East wins ♣A, ruffs a spade, cashes ♥K, enters hand with ♥A and ruffs another spade.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>	2♥	All Pass	1♥	Pass				
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
2♥	All Pass	1♥	Pass										
<p>♠ 64 ♥ KQ43 ♦ A54 ♣ J543</p> <p>♠ AKQ8        ♠ 10953 ♥ 1097        ♥ J ♦ 632         ♦ QJ108 ♣ 1076        ♣ KQ92</p> <p>♠ J72 ♥ A8652 ♦ K97 ♣ A8</p>	<p>Board 3 : Dealer South : EW vulnerable</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td>Pass</td> <td>3♥</td> <td>All Pass</td> <td>1♥</td> </tr> </table> <p>South opens 1♥, his longest suit. North's 3♥ shows 10-12 points and four hearts. With a minimum opening bid South passes.</p> <p>Note that South loses only two spade tricks because he can ruff the third one in dummy. He makes nine tricks.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>	Pass	3♥	All Pass	1♥				
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
Pass	3♥	All Pass	1♥										
<p>♠ AKQ8 ♥ 1097 ♦ 976 ♣ 876</p> <p>♠ J72            ♠ 64 ♥ AJ652        ♥ KQ43 ♦ KQ32         ♦ A54 ♣ A              ♣ J543</p> <p>♠ 10953 ♥ 8 ♦ J108 ♣ KQ1092</p>	<p>Board 4 : Dealer West : All vulnerable</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td>1♥</td> <td>Pass</td> <td>3♥</td> <td>Pass</td> </tr> <tr> <td>4♥</td> <td>All Pass</td> <td></td> <td></td> </tr> </table> <p>West opens 1♥, his longest suit. East's 3♥ shows 10-12 points and four hearts. Knowing of at least 25 points West raises to game.</p> <p>Note that declarer will draw trumps and then play ♦ A K Q. By this time the only diamond left will be his ♦3, which will be a winner.</p> <p>Note also that he loses only two spade tricks because he can ruff the third one in dummy. He makes 11 tricks.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>	1♥	Pass	3♥	Pass	4♥	All Pass		
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
1♥	Pass	3♥	Pass										
4♥	All Pass												

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<p>♠ J72 ♥ AJ652 ♦ Q532 ♣ A</p> <p>♠ 10953      ♠ AKQ8 ♥ 8              ♥ 1097 ♦ J108          ♦ 976 ♣ KQ1092      ♣ 876</p> <p>♠ 64 ♥ KQ43 ♦ AK4 ♣ J543</p>	<p>Board 5 : Dealer North : NS vulnerable</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td></td> <td>1♥</td> <td>Pass</td> <td>4♥</td> </tr> </table> <p>All Pass</p> <p>North opens 1♥, his longest suit. South's 4♥ shows 13-15 points and four hearts.</p> <p>Note that when declarer gets the lead he will draw trumps and then play ♦ A K Q. By this time the only diamond left will be his ♦5, which will be a winner. Declarer can make 11 tricks.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>		1♥	Pass	4♥				
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
	1♥	Pass	4♥										
<p>♠ 109853 ♥ - ♦ QJ10 ♣ KQ1092</p> <p>♠ 6              ♠ J72 ♥ KQ10943    ♥ AJ652 ♦ A84          ♦ K532 ♣ J43          ♣ A</p> <p>♠ AKQ4 ♥ 87 ♦ 976 ♣ 8765</p>	<p>Board 6 : Dealer East : EW vulnerable</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td>4♥</td> <td>All Pass</td> <td>1♥</td> <td>Pass</td> </tr> </table> <p>East opens 1♥, his longest suit. West's 4♥ shows 13-15 points and four hearts. On this occasion he has only ten points, but the spade singleton is worth approximately the same as a king.</p> <p>East easily makes 11 tricks, and note also that North/South could have made quite a lot of tricks with spades as trumps if they had ever managed to bid.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>	4♥	All Pass	1♥	Pass				
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
4♥	All Pass	1♥	Pass										
<p>♠ 64 ♥ K743 ♦ A54 ♣ 8543</p> <p>♠ QJ107      ♠ 9853 ♥ Q109      ♥ J ♦ 632        ♦ QJ108 ♣ 1076      ♣ KQ92</p> <p>♠ AK2 ♥ A8652 ♦ K97 ♣ AJ</p>	<p>Board 7 : Dealer South : All vulnerable</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td>Pass</td> <td>2♥</td> <td>Pass</td> <td>1♥</td> </tr> <tr> <td>All Pass</td> <td></td> <td></td> <td>4♥</td> </tr> </table> <p>South opens 1♥, his longest suit. North's 2♥ shows 6-9 points and four hearts. With 19 points South raises to game.</p> <p>South can ruff his third spade in dummy, losing only a trump trick (because trumps break 3-1) and a trick in each minor suit.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>	Pass	2♥	Pass	1♥	All Pass			4♥
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
Pass	2♥	Pass	1♥										
All Pass			4♥										
<p>♠ QJ107 ♥ Q10 ♦ J63 ♣ K1076</p> <p>♠ AK2              ♠ 64 ♥ A98652        ♥ K743 ♦ KQ98          ♦ A54 ♣ -                ♣ 8543</p> <p>♠ 9853 ♥ J ♦ 1072 ♣ AQJ92</p>	<p>Board 8 : Dealer West : Love all</p> <table border="0"> <tr> <td><b>West</b></td> <td><b>North</b></td> <td><b>East</b></td> <td><b>South</b></td> </tr> <tr> <td>1♥</td> <td>Pass</td> <td>2♥</td> <td>Pass</td> </tr> <tr> <td>4♥</td> <td>All Pass</td> <td></td> <td></td> </tr> </table> <p>West opens 1♥, his longest suit. East's 2♥ shows 6-9 points and four hearts. West doesn't seem to have enough points for 4♥ but he has a very shapely hand, so bids 4♥.</p> <p>North leads ♠ Q, the top of a sequence. East/West have only 23 points between them but as the cards lie they make all 13 tricks. This is the power of shape. Declarer draws trumps in two rounds and ruffs a spade in dummy. He doesn't even need to ruff the fourth diamond because the 3-3 diamond break makes it a winner.</p>	<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>	1♥	Pass	2♥	Pass	4♥	All Pass		
<b>West</b>	<b>North</b>	<b>East</b>	<b>South</b>										
1♥	Pass	2♥	Pass										
4♥	All Pass												

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<p>                     ♠ KQ2                      ♥ A8652                      ♦ K97                      ♣ AJ                      ♠ 10953      ♠ AJ87                      ♥ J              ♥ Q109                      ♦ A1085      ♦ 632                      ♣ KQ102      ♣ 976                      ♠ 64                      ♥ K743                      ♦ QJ4                      ♣ 8543                 </p>	<p>Board 9 : Dealer North : EW vulnerable</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td>1♥</td> <td>Pass</td> <td>2♥</td> </tr> <tr> <td>Pass</td> <td>3♥</td> <td>All Pass</td> <td></td> </tr> </tbody> </table> <p>North opens 1♥, his longest suit. South's 2♥ shows 6-9 points and four hearts. North now uses common sense. With 17 points he wants to be in game if South has 8-9 points, but not if he has only 6-7 points, so 3♥ is a try for game, which South refuses. East might lead ♣7, the second highest from a poor suit. South can draw two rounds of trumps with ♥A K, drive out ♦A (giving him two diamond winners) and ruff the third spade in dummy, making nine tricks.</p>	West	North	East	South		1♥	Pass	2♥	Pass	3♥	All Pass					
West	North	East	South														
	1♥	Pass	2♥														
Pass	3♥	All Pass															
<p>                     ♠ 10953                      ♥ J                      ♦ A1085                      ♣ KQ102                      ♠ 64              ♠ KQ2                      ♥ KQ43          ♥ A8652                      ♦ QJ4            ♦ K97                      ♣ 8543          ♣ AJ                      ♠ AJ87                      ♥ 1097                      ♦ 632                      ♣ 976                 </p>	<p>Board 10 : Dealer East : All vulnerable</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1♥</td> <td>Pass</td> </tr> <tr> <td>2♥</td> <td>Pass</td> <td>3♥</td> <td>Pass</td> </tr> <tr> <td>4♥</td> <td>All Pass</td> <td></td> <td></td> </tr> </tbody> </table> <p>East opens 1♥, his longest suit. West's 2♥ shows 6-9 points and four hearts. East now uses common sense. With 17 points he wants to be in game if West has 8-9 points, but not if he has only 6-7 points, so 3♥ is a try for game, which West accepts. East might lead ♣7, the second highest from a poor suit. Declarer draws three rounds of trumps, drives out ♦A (giving him two diamond winners) and ruffs the third spade in dummy, making ten tricks.</p>	West	North	East	South			1♥	Pass	2♥	Pass	3♥	Pass	4♥	All Pass		
West	North	East	South														
		1♥	Pass														
2♥	Pass	3♥	Pass														
4♥	All Pass																
<p>                     ♠ K732                      ♥ 765                      ♦ 1065                      ♣ QJ5                      ♠ J109            ♠ 8                      ♥ 4                ♥ J1098                      ♦ AKJ9          ♦ 8742                      ♣ 109876      ♣ AK43                      ♠ AQ654                      ♥ AKQ32                      ♦ Q3                      ♣ 2                 </p>	<p>Board 11 : Dealer South : Love all</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>1♠</td> </tr> <tr> <td>Pass</td> <td>2♠</td> <td>Pass</td> <td>4♠</td> </tr> <tr> <td>All Pass</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>South opens 1♠, the higher of 5-card suits. North's 2♠ shows 6-9 points and four spades. South bids 4♠ because of his excellent shape. Maybe West starts with ♦A K J. Declarer ruffs and draws trumps. Next he cashes ♥A K Q. East still has ♥J so declarer ruffs ♥2. Now ♥3 is a winner because there are no more hearts left. Declarer makes ten tricks.</p>	West	North	East	South				1♠	Pass	2♠	Pass	4♠	All Pass			
West	North	East	South														
			1♠														
Pass	2♠	Pass	4♠														
All Pass																	
<p>                     ♠ J1096                      ♥ 94                      ♦ Q5                      ♣ K10974                      ♠ 54              ♠ KQ32                      ♥ AKQ32      ♥ 8765                      ♦ AK432      ♦ 106                      ♣ 2              ♣ J53                      ♠ A87                      ♥ J10                      ♦ J987                      ♣ AQ86                 </p>	<p>Board 12 : Dealer West : NS vulnerable</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>2♥</td> <td>Pass</td> </tr> <tr> <td>1♥</td> <td>Pass</td> <td></td> <td></td> </tr> <tr> <td>4♥</td> <td>All Pass</td> <td></td> <td></td> </tr> </tbody> </table> <p>West opens 1♥, the higher of 5-card suits. East's 2♥ shows 6-9 points and four hearts. West bids 4♥ because of his excellent shape. Note that East should not respond to 1♥ with 1♠. He has found an eight-card heart fit, so he should agree hearts. North might lead ♠J, allowing South to take dummy's ♠Q with ♠A and perhaps return a spade. Declarer can draw trumps in two rounds, cash ♦AK and ruff ♦2. Later he uses dummy's last trump to ruff ♦3. By now ♦4 is a winner so declarer may make 11 tricks.</p>	West	North	East	South			2♥	Pass	1♥	Pass			4♥	All Pass		
West	North	East	South														
		2♥	Pass														
1♥	Pass																
4♥	All Pass																

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(DLM ref : HBSET2)

<p>♠ K1032 ♥ 62 ♦ AK76 ♣ AK2</p> <p>♠ 96 ♥ K854 ♦ Q109 ♣ J1098</p> <p>♠ J54 ♥ QJ1097 ♦ J5 ♣ Q63</p> <p>♠ AQ87 ♥ A3 ♦ 8432 ♣ 754</p>	<p>Board 13 : Dealer North : All vulnerable</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td>1♠</td> <td>Pass</td> <td>3♠</td> </tr> <tr> <td>Pass</td> <td>4♠</td> <td>All Pass</td> <td></td> </tr> </tbody> </table> <p>North opens 1♠. He is too strong for 1NT and has two 4-card suits so he opens the major. South's 3♠ shows 10-12 points and four spades, which North raises to game. East leads ♥Q. Declarer takes ♥A and draws trumps in three rounds. Now cashing ♦A K and conceding a diamond establishes a diamond winner for declarer. This is his tenth trick.</p>	West	North	East	South		1♠	Pass	3♠	Pass	4♠	All Pass					
West	North	East	South														
	1♠	Pass	3♠														
Pass	4♠	All Pass															
<p>♠ 108 ♥ J96 ♦ AQ32 ♣ QJ95</p> <p>♠ 764 ♥ AQ52 ♦ 875 ♣ K32</p> <p>♠ AKQ2 ♥ K1043 ♦ K4 ♣ A76</p> <p>♠ J953 ♥ 87 ♦ J1096 ♣ 1084</p>	<p>Board 14 : Dealer East : Love all</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1♥</td> <td>Pass</td> </tr> <tr> <td>2♥</td> <td>Pass</td> <td>4♥</td> <td>All Pass</td> </tr> </tbody> </table> <p>East opens 1♥. He is too strong for 1NT and has two 4-card major suits. He opens 1♥ to make it easy to find a 4-4 spade fit if one exists. West's 2♥ shows 6-9 points and four hearts and with 19 points East raises to game. South leads ♦J. North may take ♦A and return ♦2 which declarer takes with ♦K. Declarer draws trumps in three rounds and cashes ♠A K Q. Now he can ruff ♠2 in dummy, making 11 tricks.</p>	West	North	East	South			1♥	Pass	2♥	Pass	4♥	All Pass				
West	North	East	South														
		1♥	Pass														
2♥	Pass	4♥	All Pass														
<p>♠ 654 ♥ KJ76 ♦ 9876 ♣ A4</p> <p>♠ J873 ♥ 1095 ♦ J5 ♣ QJ109 2</p> <p>♠ 109 ♥ 84 ♦ KQ10 ♣ K8653</p> <p>♠ AKQ2 ♥ AQ32 ♦ A432 ♣ 7</p>	<p>Board 15 : Dealer South : NS vulnerable</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>1♥</td> </tr> <tr> <td>Pass</td> <td>2♥</td> <td>Pass</td> <td>4♥</td> </tr> <tr> <td>All Pass</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>With a 4-4-4-1 hand and three touching suits South opens the middle one. North's 2♥ shows 6-9 points and four hearts and with 19 points South bids game. West leads ♣Q, won by North's ♣A. Declarer can draw trumps in three rounds and set about establishing an extra trick in diamonds: ♦A followed by ♦2. When he next gets the lead he forces out the defenders' last diamond, making 11 tricks, including a spade ruff in dummy.</p>	West	North	East	South				1♥	Pass	2♥	Pass	4♥	All Pass			
West	North	East	South														
			1♥														
Pass	2♥	Pass	4♥														
All Pass																	
<p>♠ J98 ♥ Q103 ♦ KQ1076 ♣ 104</p> <p>♠ A753 ♥ A987 ♦ 5 ♣ AK76</p> <p>♠ 64 ♥ K42 ♦ J98 ♣ QJ532</p> <p>♠ KQ102 ♥ J65 ♦ A432 ♣ 98</p>	<p>Board 16 : Dealer West : EW vulnerable</p> <table border="0"> <thead> <tr> <th>West</th> <th>North</th> <th>East</th> <th>South</th> </tr> </thead> <tbody> <tr> <td>1♣</td> <td>Pass</td> <td>2♣</td> <td>All Pass</td> </tr> </tbody> </table> <p>With a 4-4-4-1 hand and three non touching suits West opens the suit below the singleton. East's 2♣ shows 6-9 points and four clubs and with only 15 points West passes. North may start with ♦K and follow up with another diamond which declarer ruffs. He might then draw trumps. Everything works well: trumps break 2-2 and if he eventually plays three rounds of hearts his last heart in dummy will turn out to be a winner because it is the only one left. He may even make 11 tricks!</p>	West	North	East	South	1♣	Pass	2♣	All Pass								
West	North	East	South														
1♣	Pass	2♣	All Pass														