

Assumptions	Value
Dealer upcard	4♠
Splits allowed	Yes
Side bet unit	\$1
Conditional Combos	823,511,524
P(Condition)	0.0886002
Base RTP	95.38%
Conditional RTP	104.24%
Edge when active	+4.24%

dealer 4 spades	2 spades
6	6
312	311

dealer 4 spades	2 spades
6	6
312	311

dealer 4 spades	2 spades
6	6
312	311

dealer 4 spades	2 nonspades
6	18
312	311

dealer 4 spades	3 spades
6	6
312	311

dealer 4 spades	3 spades
6	6
312	311

dealer 4 spades	3 spades
6	6
312	311

dealer 4 spades	3 nonspades
6	18
312	311

dealer 4 spades	A spades
6	6
312	311

dealer 4 spades	10 spades
6	6
312	311

dealer 2 spades	A spades
6	6
312	311

dealer 2 spades	A spades
6	6
312	311

dealer 2 spades	A spades
6	6
312	311

dealer 2 spades	A nonspades
6	18
312	311

dealer 2 spades	3 spades
6	6
312	311

dealer 2 spades	3 spades
6	6
312	311

dealer 2 spades	3 spades
6	6
312	311

dealer 2 spades	3 nonspades
6	18
312	311

dealer 2 spades	5 spades
6	6
312	311

dealer 2 spades	10 spades
6	6
312	311

dealer A spades	2 spades
6	6
312	311

dealer A spades	2 spades
6	6
312	311

dealer A spades	2 spades
6	6
312	311

dealer A spades	2 nonspades
6	18
312	311

dealer A spades	4 spades
6	6
312	311

dealer A spades	10 spades
6	6
312	311

dealer A spades	K spades
6	6
312	311

dealer A spades	K spades
6	6

	312	311
	dealer A spades K spades	
	6	6
	312	311
	dealer A spades K nonspades	
	6	18
	312	311
x	dealer 8 spades 6 spades	
	6	6
	312	311
	dealer 8 spades 6 spades	
	6	6
	312	311
	dealer 8 spades 6 spades	
	6	6
	312	311
	dealer 8 spades 6 nonspades	
	6	18
	312	311
	dealer 8 spades 7 spades	
	6	6
	312	311
	dealer 8 spades 7 spades	
	6	6
	312	311
	dealer 8 spades 7 spades	
	6	6
	312	311
	dealer 8 spades 7 nonspades	
	6	18
	312	311
	dealer 8 spades 10 spades	
	6	6
	312	311
	dealer 8 spades 10 spades	
	6	6
	312	311
	dealer 8 spades 10 spades	
	6	6
	312	311
	dealer 8 spades 10 nonspades	

6	18
312	311

dealer 8 spades J spades

6	6
312	311

dealer 8 spades A spades

6	6
312	311

dealer 9 spades 7 spades

6	6
312	311

dealer 9 spades 7 spades

6	6
312	311

dealer 9 spades 7 spades

6	6
312	311

dealer 9 spades 7 nonspades

6	18
312	311

dealer 9 spades 8 spades

6	6
312	311

dealer 9 spades 8 spades

6	6
312	311

dealer 9 spades 8 spades

6	6
312	311

dealer 9 spades 8 nonspades

6	18
312	311

dealer 9 spades A spades

6	6
312	311

dealer 9 spades 10 spades

6	18
312	311

dealer 9 spades 10 spades

6	6
312	311

dealer 9 spades	10 spades
6	6
312	311

dealer 9 spades	10 nonspades
6	18
312	311

dealer 9 spades	J spades
6	6
312	311

dealer 9 spades	J spades
6	6
312	311

dealer 9 spades	J spades
6	6
312	311

dealer 9 spades	J nonspades
6	18
312	311

dealer 9 spades	Q spades
6	6
312	311

dealer 10 spade:A spades	
6	6
312	311

dealer 10 spades:8 spades	
6	6
312	311

dealer 10 spade:8 spades	
6	6
312	311

dealer 10 spades:8 spades	
6	6
312	311

dealer 10 spade:8 nonspades	
6	18
312	311

dealer 10 spade:9 spades	
6	6
312	311

dealer 10 spade:9 spades	
6	6
312	311

dealer 10 spade: 9 spades
6 6
312 311

dealer 10 spade: 9 nonspades
6 18
312 311

dealer 10 spade: Q spades
6 6
312 311

dealer 10 spade: Q spades
6 6
312 311

dealer 10 spade: Q spades
6 6
312 311

dealer 10 spade: Q nonspades
6 18
312 311

dealer 10 spade: J spades
6 6
312 311

dealer 10 spade: J spades
6 6
312 311

dealer 10 spade: J spades
6 6
312 311

dealer 10 spade: J nonspades
6 18
312 311

dealer 10 spade: K spades
6 6
312 311

x dealer J spades A spades
x 6 6
x 312 311
x

x dealer J spades 9 spades
x 6 6
x 312 311
x

x dealer J spades 9 spades
x 6 6

x	312	311
x		
x	dealer J spades 9 spades	
x	6	6
x	312	311
x		
x	dealer J spades 9 nonspades	
x	6	18
x	312	311
x		
x	dealer J spades 10 spades	
x	6	6
x	312	311
x		
x	dealer J spades 10 spades	
x	6	6
x	312	311
x		
x	dealer J spades 10 spades	
x	6	6
x	312	311
x		
x	dealer J spades 10 nonspades	
x	6	18
x	312	311
x		
x	dealer J spades K spades	
x	6	6
x	312	311
x		
x	dealer J spades K spades	
x	6	6
x	312	311
x		
x	dealer J spades K spades	
x	6	6
x	312	311
x		
x	dealer J spades K nonspades	
x	6	18
x	312	311
x		
	dealer Q spades 2 spades	
	6	6
	312	311
	dealer Q spades 10 spades	
	6	6
	312	311
	dealer Q spades 10 spades	
	6	6
	312	311
	dealer Q spades 10 spades	

6	6
312	311

dealer Q spades 10 nonspades	
6	18
312	311

dealer Q spades J spades	
6	6
312	311

dealer Q spades J spades	
6	6
312	311

dealer Q spades J spades	
6	6
312	311

dealer Q spades J nonspades	
6	18
312	311

dealer Q spades A spades	
6	6
312	311

dealer Q spades A spades	
6	6
312	311

dealer Q spades A spades	
6	6
312	311

dealer Q spades A nonspades	
6	18
312	311

dealer K spades 2 spades	
6	6
312	311

dealer K spades 10 spades	
6	6
312	311

dealer K spades A spades	
6	6
312	311

dealer K spades A spades	
6	6
312	311

dealer K spades A spades		
	6	6
	312	311

dealer Q spades K nonspades		
	6	18
	312	311

dealer K spades Q spades		
	6	6
	312	311

dealer K spades Q spades		
	6	6
	312	311

dealer K spades Q spades		
	6	6
	312	311

dealer K spades Q nonspades		
	6	18
	312	311

dealer K spades J spades		
	6	6
	312	311

dealer K spades J spades		
	6	6
	312	311

dealer K spades J spades		
	6	6
	312	311

dealer K spades J nonspades		
	6	18
	312	311

dealer 10 spade: 10 spades		
	6	5
	312	311

dealer 10 spade: 10 nonspades		
	6	18
	312	311

dealer 10 spade: 10 spades		
	6	5
	312	311

dealer 10 spade: 10 spades		
	6	5
	312	311

ss

2 nonspades	straightFLUSH	payout	fraction	result	for 2 & 6	for 3,4,5,6,7
18	6	40	155,520	311,040	1,555,200	
310	309	1	9,294,695,280			
2 nonspades	flush	payout	fraction	result	for 2 & 6	for 3,4,5,6,7
18	70	5	226,800	453,600	2,268,000	
310	309	1	9,294,695,280			
2 nonspades	straight	payout	fraction	result	for 2 & 6	for 3,4,5,6,7
18	18	10	116,640	233,280	1,166,400	
310	309	1	9,294,695,280			
2 any	straight	payout	fraction	result	for 2 & 6	for 3,4,5,6,7
23	24	10	596,160	1,192,320	5,961,600	
310	309	1	9,294,695,280			
3 nonspades	straightFLUSH	payout	fraction	result	for 3 & 5	for 3,4,5,6,7
18	12	40	311,040	622,080	3,110,400	
310	309	1	9,294,695,280			
3 nonspades	flush	payout	fraction	result	for 3 & 5	for 3,4,5,6,7
18	64	5	207,360	414,720	2,073,600	
310	309	1	9,294,695,280			
3 nonspades	straight	payout	fraction	result	for 3 & 5	for 3,4,5,6,7
18	36	10	233,280	466,560	2,332,800	
310	309	1	9,294,695,280			
3 any	straight	payout	fraction	result	for 3 & 5	for 3,4,5,6,7
23	48	10	1,192,320	2,384,640	11,923,200	
310	309	1	9,294,695,280			
A non-spades	flush	payout	fraction	result	for A, 7, 8, 9	for 3,4,5,6,7
18	76	5	246,240	984,960	4,924,800	
310	309	1	9,294,695,280			
10JQK non-spades	flush	payout	fraction	result	for 10, J, Q, K	for 3,4,5,6,7
72	76	5	984,960	3,939,840	19,699,200	
310	309	1	9,294,695,280			
A nonspades	straightFLUSH	payout	fraction	result	for A & 4	for 2 only
18	6	40	155,520	311,040	311,040	
310	309	1	9,294,695,280			
A nonspades	flush	payout	fraction	result	for A & 4	for 2 only
18	70	5	226,800	453,600	453,600	
310	309	1	9,294,695,280			
A nonspades	straight	payout	fraction	result	for A & 4	for 2 only
18	18	10	116,640	233,280	233,280	
310	309	1	9,294,695,280			
A any	straight	payout	fraction	result	for A & 4	for 2 only
23	24	10	596,160	1,192,320	1,192,320	
310	309	1	9,294,695,280			

3 nonspades	straightFLUSH	payout	fraction result	for 3 only	for 2 only
18	12	40	311,040	311,040	311,040
310	309	1	9,294,695,280		
3 nonspades	flush	payout	fraction result	for 3 only	for 2 only
18	64	5	207,360	207,360	207,360
310	309	1	9,294,695,280		
3 nonspades	straight	payout	fraction result	for 3 only	for 2 only
18	36	10	233,280	233,280	233,280
310	309	1	9,294,695,280		
3 any	straight	payout	fraction result	for 3 only	for 2 only
23	48	10	1,192,320	1,192,320	1,192,320
310	309	1	9,294,695,280		
5 non-spades	flush	payout	fraction result	for 5, 6, 7, 8, 9	for 2 only
18	76	5	246,240	1,231,200	1,231,200
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for 10, J, Q, K	for 2 only
72	76	5	984,960	3,939,840	3,939,840
310	309	1	9,294,695,280		
2 nonspades	straightFLUSH	payout	fraction result	for 2 & 3	for A only
18	6	40	155,520	311,040	311,040
310	309	1	9,294,695,280		
2 nonspades	flush	payout	fraction result	for 2 & 3	for A only
18	70	5	226,800	453,600	453,600
310	309	1	9,294,695,280		
2 nonspades	straight	payout	fraction result	for 2 & 3	for A only
18	18	10	116,640	233,280	233,280
310	309	1	9,294,695,280		
2 any	straight	payout	fraction result	for 2 & 3	for A only
23	24	10	596,160	1,192,320	1,192,320
310	309	1	9,294,695,280		
4 nonspades	flush	payout	fraction result	for 4,5,6,7,8,9	for A only
18	76	5	246,240	1,477,440	1,477,440
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	Ten & jack only	for A only
72	76	5	984,960	1,969,920	1,969,920
310	309	1	9,294,695,280		
K nonspades	straightFLUSH	payout	fraction result	for K & Q	for A only
18	6	40	155,520	311,040	311,040
310	309	1	9,294,695,280		
K nonspades	flush	payout	fraction result	for K & Q	for A only
18	70	5	226,800	453,600	453,600

	310	309	1	9,294,695,280		
K nonspades	straight	payout	fraction result	for K & Q	for A only	
	18	18	10	116,640	233,280	233,280
	310	309	1	9,294,695,280		
K any	straight	payout	fraction result	for K & Q	for A only	
	23	24	10	596,160	1,192,320	1,192,320
	310	309	1	9,294,695,280		
6 nonspades	straightFLUSH	payout	fraction result	only 6	for 8 only	
	18	6	40	155,520	155,520	155,520
	310	309	1	9,294,695,280		
6 nonspades	flush	payout	fraction result	only 6	for 8 only	
	18	70	5	226,800	226,800	226,800
	310	309	1	9,294,695,280		
6 nonspades	straight	payout	fraction result	only 6	for 8 only	
	18	18	10	116,640	116,640	116,640
	310	309	1	9,294,695,280		
6 ANY	straight	payout	fraction result	only 6	for 8 only	
	23	24	10	596,160	596,160	596,160
	310	309	1	9,294,695,280		
7 nonspades	straightFLUSH	payout	fraction result	for 7 & 9	for 8 only	
	18	12	40	311,040	622,080	622,080
	310	309	1	9,294,695,280		
7 nonspades	flush	payout	fraction result	for 7 & 9	for 8 only	
	18	64	5	207,360	414,720	414,720
	310	309	1	9,294,695,280		
7 nonspades	straight	payout	fraction result	for 7 & 9	for 8 only	
	18	36	10	233,280	466,560	466,560
	310	309	1	9,294,695,280		
7 ANY	straight	payout	fraction result	for 7 & 9	for 8 only	
	23	48	10	1,192,320	2,384,640	2,384,640
	310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	for 10 only	for 8 only	
	72	6	40	622,080	622,080	622,080
	310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for 10 only	for 8 only	
	72	70	5	907,200	907,200	907,200
	310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	for 10 only	for 8 only	
	72	18	10	466,560	466,560	466,560
	310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	for 10 only	for 8 only	

95	24	10	2,462,400	2,462,400	2,462,400
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for JKQ	for 8 only
72	76	5	196,992	590,976	590,976
310	309	1	9,294,695,280		
A nonspades	flush	payout	fraction result	for A,2,3,4,5	for 8 only
18	76	5	246,240	1,231,200	1,231,200
310	309	1	9,294,695,280		
7 any	straightFLUSH	payout	fraction result	only 7	for 9 only
18	6	40	155,520	155,520	155,520
310	309	1	9,294,695,280		
7 any	flush	payout	fraction result	only 7	for 9 only
18	70	5	226,800	226,800	226,800
310	309	1	9,294,695,280		
7 any	straight	payout	fraction result	only 7	for 9 only
18	18	10	116,640	116,640	116,640
310	309	1	9,294,695,280		
7 ANY	straight	payout	fraction result	only 7	for 9 only
23	24	10	596,160	596,160	596,160
310	309	1	9,294,695,280		
8 any	straightFLUSH	payout	fraction result	only 8	for 9 only
18	12	40	311,040	311,040	311,040
310	309	1	9,294,695,280		
8 any	flush	payout	fraction result	only 8	for 9 only
18	64	5	207,360	207,360	207,360
310	309	1	9,294,695,280		
8 any	straight	payout	fraction result	only 6	for 9 only
18	36	10	233,280	233,280	233,280
310	309	1	9,294,695,280		
8 ANY	straight	payout	fraction result	only 8	for 9 only
23	48	10	1,192,320	1,192,320	1,192,320
310	309	1	9,294,695,280		
A nonspades	flush	payout	fraction result	for A,2,3,4,5,6	for 9 only
18	76	5	246,240	1,477,440	1,477,440
310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	for 10 only	for 9 only
72	12	40	3,732,480	3,732,480	3,732,480
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for 10 only	for 9 only
72	64	5	829,440	829,440	829,440
310	309	1	9,294,695,280		

10JQK non-spades	straight	payout	fraction	result	for 10 only	for 9 only
72	36	10	933,120	933,120	933,120	
310	309	1	9,294,695,280			
10JQK ANY	straight	payout	fraction	result	for 10 only	for 8 only
95	48	10	4,924,800	4,924,800	4,924,800	
310	309	1	9,294,695,280			
10JQK non-spades	straightFLUSH	payout	fraction	result	for J only	for 9 only
72	6	40	622,080	622,080	622,080	
310	309	1	9,294,695,280			
10JQK non-spades	flush	payout	fraction	result	for J only	for 9 only
72	70	5	907,200	907,200	907,200	
310	309	1	9,294,695,280			
10JQK non-spades	straight	payout	fraction	result	for J only	for 9 only
72	18	10	466,560	466,560	466,560	
310	309	1	9,294,695,280			
10JQK ANY	straight	payout	fraction	result	for J only	for 9 only
95	24	10	2,462,400	2,462,400	2,462,400	
310	309	1	9,294,695,280			
10JQK non-spades	flush	payout	fraction	result	for KQ	for 9 only
72	76	5	196,992	393,984	393,984	
310	309	1	9,294,695,280			
A nonspades	flush	payout	fraction	result	for A,2,3,4,5,6,7	FOR 10 only
18	76	5	246,240	1,723,680	1,723,680	
310	309	1	9,294,695,280			
8 any	straightFLUSH	payout	fraction	result	only 8	FOR 10 only
18	6	40	155,520	155,520	155,520	
310	309	1	9,294,695,280			
8 any	flush	payout	fraction	result	only 8	FOR 10 only
18	70	5	226,800	226,800	226,800	
310	309	1	9,294,695,280			
8 any	straight	payout	fraction	result	only 8	FOR 10 only
18	18	10	116,640	116,640	116,640	
310	309	1	9,294,695,280			
8 ANY	straight	payout	fraction	result	only 8	FOR 10 only
23	24	10	596,160	596,160	596,160	
310	309	1	9,294,695,280			
9 any	straightFLUSH	payout	fraction	result	only 9	FOR 10 only
18	12	40	311,040	311,040	311,040	
310	309	1	9,294,695,280			
9 any	flush	payout	fraction	result	only 9	FOR 10 only
18	64	5	207,360	207,360	207,360	
310	309	1	9,294,695,280			

9 any	straight	payout	fraction result	only 9	FOR 10 only
18	36	10	233,280	233,280	233,280
310	309	1	9,294,695,280		
9 ANY	straight	payout	fraction result	only 9	FOR 10 only
23	48	10	1,192,320	1,192,320	1,192,320
310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	only Q	FOR 10 only
72	6	40	622,080	622,080	622,080
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	only Q	FOR 10 only
72	70	5	907,200	907,200	907,200
310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	only Q	FOR 10 only
72	18	10	466,560	466,560	466,560
310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	only Q	FOR 10 only
95	24	10	2,462,400	2,462,400	2,462,400
310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	only J	FOR 10 only
72	12	40	1,244,160	1,244,160	1,244,160
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	only J	FOR 10 only
72	64	5	829,440	829,440	829,440
310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	only J	FOR 10 only
72	12	10	311,040	311,040	311,040
310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	only J	FOR 10 only
95	48	10	4,924,800	4,924,800	4,924,800
310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for K only	for 10 only
72	76	5	196,992	196,992	196,992
310	309	1	9,294,695,280		
A nonspades	flush	payout	fraction result	for A,2,3,4,5,6,7,8 for J only	
18	76	5	246,240	1,969,920	1,969,920
310	309	1	9,294,695,280		
9 any	straightFLUSH	payout	fraction result	only 9	for J only
18	6	40	155,520	155,520	155,520
310	309	1	9,294,695,280		
9 any	flush	payout	fraction result	only 9	for J only
18	70	5	226,800	226,800	226,800

	310	309	1	9,294,695,280		
9 any	straight	payout	fraction result	only 9	for J only	
	18	18	10	116,640	116,640	116,640
	310	309	1	9,294,695,280		
9 ANY	straight	payout	fraction result	only 9	for J only	
	23	24	10	596,160	596,160	596,160
	310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	only 10 & Q	for J only	
	72	12	40	1,244,160	2,488,320	2,488,320
	310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	only 10 & Q	for J only	
	72	64	5	829,440	1,658,880	1,658,880
	310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	only 10 & Q	for J only	
	72	36	10	933,120	1,866,240	1,866,240
	310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	only 10 & Q	for J only	
	95	48	10	4,924,800	9,849,600	9,849,600
	310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	only K	for J only	
	72	6	40	622,080	622,080	622,080
	310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	only K	for J only	
	72	70	5	907,200	907,200	907,200
	310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	only K	for J only	
	72	18	10	466,560	466,560	466,560
	310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	only K	for J only	
	95	24	10	2,462,400	2,462,400	2,462,400
	310	309	1	9,294,695,280		
2 nonspades	flush	payout	fraction result	for 2 thru 9	for Q only	
	18	76	5	246,240	1,969,920	1,969,920
	310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	only 10	for Q only	
	72	6	40	622,080	622,080	622,080
	310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	only 10	for Q only	
	72	70	5	907,200	907,200	907,200
	310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	only 10	for Q only	

	72	18	10	466,560	466,560	466,560
	310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	only 10	for Q only	
	95	24	10	2,462,400	2,462,400	2,462,400
	310	309	1	9,294,695,280		
10JQK non-spades	straightFLUSH	payout	fraction result	for JK	for Q only	
	72	12	40	1,244,160	2,488,320	2,488,320
	310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for JK	for Q only	
	72	64	5	829,440	1,658,880	1,658,880
	310	309	1	9,294,695,280		
10JQK non-spades	straight	payout	fraction result	for JK	for Q only	
	72	36	10	933,120	1,866,240	1,866,240
	310	309	1	9,294,695,280		
10JQK ANY	straight	payout	fraction result	for JK	for Q only	
	95	48	10	4,924,800	9,849,600	9,849,600
	310	309	1	9,294,695,280		
A nonspades	straightFLUSH	payout	fraction result	only Q	for A only	
	18	6	40	155,520	155,520	155,520
	310	309	1	9,294,695,280		
A nonspades	flush	payout	fraction result	only Q	for A only	
	18	70	5	226,800	226,800	226,800
	310	309	1	9,294,695,280		
A nonspades	straight	payout	fraction result	only Q	for A only	
	18	18	10	116,640	116,640	116,640
	310	309	1	9,294,695,280		
A any	straight	payout	fraction result	only Q	for A only	
	23	24	10	596,160	596,160	596,160
	310	309	1	9,294,695,280		
2 nonspades	flush	payout	fraction result	for 2 thru 9	for K only	
	18	76	5	246,240	1,969,920	1,969,920
	310	309	1	9,294,695,280		
10JQK non-spades	flush	payout	fraction result	for 10 only	for K only	
	72	76	5	984,960	7,879,680	7,879,680
	310	309	1	9,294,695,280		
A nonspades	straightFLUSH	payout	fraction result	only A	for K only	
	18	6	40	155,520	155,520	155,520
	310	309	1	9,294,695,280		
A nonspades	flush	payout	fraction result	only A	for K only	
	18	70	5	226,800	226,800	226,800
	310	309	1	9,294,695,280		

A nonspades	straight	payout	fraction	result	only A	for K only
18	18	10	116,640	116,640	116,640	
310	309	1	9,294,695,280			
10JQK ANY	straight	payout	fraction	result	only A	for K only
95	24	10	2,462,400	2,462,400	2,462,400	
310	309	1	9,294,695,280			
10JQK non-spades	straightFLUSH	payout	fraction	result	for Q only	for K only
72	12	40	1,244,160	1,244,160	1,244,160	
310	309	1	9,294,695,280			
10JQK non-spades	flush	payout	fraction	result	for Q only	for K only
72	64	5	829,440	829,440	829,440	
310	309	1	9,294,695,280			
10JQK non-spades	straight	payout	fraction	result	for Q only	for K only
72	36	10	933,120	933,120	933,120	
310	309	1	9,294,695,280			
10JQK ANY	straight	payout	fraction	result	for Q only	for K only
94	48	10	4,872,960	4,872,960	4,872,960	
310	309	1	9,294,695,280			
10JQK non-spades	straightFLUSH	payout	fraction	result	for J only	for K only
72	6	40	622,080	622,080	622,080	
310	309	1	9,294,695,280			
10JQK non-spades	flush	payout	fraction	result	for J only	for K only
72	70	5	907,200	907,200	907,200	
310	309	1	9,294,695,280			
10JQK non-spades	straight	payout	fraction	result	for J only	for K only
72	18	10	466,560	466,560	466,560	
310	309	1	9,294,695,280			
10JQK ANY	straight	payout	fraction	result	for J only	for K only
94	24	10	2,436,480	2,436,480	2,436,480	
310	309	1	9,294,695,280			
JQK non-spades	suited 3oAK	payout	fraction	result	for 10JKQ	for FACE/10only
54	4	100	648,000	2,592,000	2,592,000	
310	309	1	9,294,695,280			
JQK any	three of a Kind	payout	fraction	result	for 10JKQ	for FACE/10only
72	18	30	4,199,040	16,796,160	16,796,160	
310	309	1	9,294,695,280			
JQK non-spades	FLUSH	payout	fraction	result	for 10JKQ	for FACE/10only
54	76	5	615,600	2,462,400	2,462,400	
310	309	1	9,294,695,280			
JQK non-spades	three of a Kind	payout	fraction	result	for 10JKQ	for FACE/10only
54	18	30	874,800	3,499,200	3,499,200	
310	309	1	9,294,695,280			

for ALL suits	non BJ {x1}
6,220,800	6,220,800

for ALL suits	non BJ {x1}
9,072,000	9,072,000

for ALL suits	non BJ {x1}
4,665,600	4,665,600

for ALL suits	non BJ {x1}
23,846,400	23,846,400

for ALL suits	non BJ {x1}
12,441,600	12,441,600

for ALL suits	non BJ {x1}
8,294,400	8,294,400

for ALL suits	non BJ {x1}
9,331,200	9,331,200

for ALL suits	non BJ {x1}
47,692,800	47,692,800

for ALL suits	non BJ {x1}
19,699,200	19,699,200

for ALL suits	non BJ {x1}
78,796,800	78,796,800

for ALL suits	non BJ {x1}
1,244,160	1,244,160

for ALL suits	non BJ {x1}
1,814,400	1,814,400

for ALL suits	non BJ {x1}
933,120	933,120

for ALL suits	non BJ {x1}
4,769,280	4,769,280

for ALL suits	non BJ {x1}
1,244,160	1,244,160

for ALL suits	non BJ {x1}
829,440	829,440

for ALL suits	non BJ {x1}
933,120	933,120

for ALL suits	non BJ {x1}
4,769,280	4,769,280

for ALL suits	non BJ {x1}
4,924,800	4,924,800

for ALL suits	non BJ {x1}
15,759,360	15,759,360

for ALL suits	non-BJ {x213/308}
1,244,160	860,409

for ALL suits	non-BJ {x213/308}
1,814,400	1,254,764

for ALL suits	non-BJ {x213/308}
933,120	645,307

for ALL suits	non-BJ {x213/308}
4,769,280	3,298,236

for ALL suits	non-BJ {x213/308}
5,909,760	4,086,944

for ALL suits	non-BJ {x213/308}
7,879,680	5,449,259

for ALL suits	non-BJ {x213/308}
1,244,160	860,409

for ALL suits	non-BJ {x213/308}
1,814,400	1,254,764

for ALL suits	non-BJ {x213/308}
933,120	645,307

for ALL suits	non-BJ {x213/308}
4,769,280	3,298,236

for ALL suits	non BJ {x1}
622,080	622,080

for ALL suits	non BJ {x1}
907,200	907,200

for ALL suits	non BJ {x1}
466,560	466,560

for ALL suits	non BJ {x1}
2,384,640	2,384,640

for ALL suits	non BJ {x1}
2,488,320	2,488,320

for ALL suits	non BJ {x1}
1,658,880	1,658,880

for ALL suits	non BJ {x1}
1,866,240	1,866,240

for ALL suits	non BJ {x1}
9,538,560	9,538,560

for ALL suits	non BJ {x1}
2,488,320	2,488,320

for ALL suits	non BJ {x1}
3,628,800	3,628,800

for ALL suits	non BJ {x1}
1,866,240	1,866,240

for ALL suits	non BJ {x1}
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9,849,600	9,849,600
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for ALL suits	non BJ {x1}
2,363,904	2,363,904

for ALL suits	non BJ {x1}
4,924,800	4,924,800

for ALL suits	non BJ {x1}
622,080	622,080

for ALL suits	non BJ {x1}
907,200	907,200

for ALL suits	non BJ {x1}
466,560	466,560

for ALL suits	non BJ {x1}
2,384,640	2,384,640

for ALL suits	non BJ {x1}
1,244,160	1,244,160

for ALL suits	non BJ {x1}
829,440	829,440

for ALL suits	non BJ {x1}
933,120	933,120

for ALL suits	non BJ {x1}
4,769,280	4,769,280

for ALL suits	non BJ {x1}
5,909,760	5,909,760

for ALL suits	non BJ {x1}
14,929,920	14,929,920

for ALL suits	non BJ {x1}
3,317,760	3,317,760

for ALL suits	non BJ {x1}
3,732,480	3,732,480

for ALL suits	non BJ {x1}
19,699,200	19,699,200

for ALL suits	non BJ {x1}
2,488,320	2,488,320

for ALL suits	non BJ {x1}
3,628,800	3,628,800

for ALL suits	non BJ {x1}
1,866,240	1,866,240

for ALL suits	non BJ {x1}
9,849,600	9,849,600

for ALL suits	non BJ {x1}
1,575,936	1,575,936

for ALL suits	non BJ {x284/308}
6,894,720	6,357,469

for ALL suits	non BJ {x284/308}
622,080	573,606

for ALL suits	non BJ {x284/308}
907,200	836,509

for ALL suits	non BJ {x284/308}
466,560	430,205

for ALL suits	non BJ {x284/308}
2,384,640	2,198,824

for ALL suits	non BJ {x284/308}
1,244,160	1,147,212

for ALL suits	non BJ {x284/308}
829,440	764,808

for ALL suits	non BJ {x284/308}
933,120	860,409

for ALL suits	non BJ {x284/308}
4,769,280	4,397,648

for ALL suits	non BJ {x284/308}
2,488,320	2,294,425

for ALL suits	non BJ {x284/308}
3,628,800	3,346,036

for ALL suits	non BJ {x284/308}
1,866,240	1,720,819

for ALL suits	non BJ {x284/308}
9,849,600	9,082,099

for ALL suits	non BJ {x284/308}
4,976,640	4,588,850

for ALL suits	non BJ {x284/308}
3,317,760	3,059,233

for ALL suits	non BJ {x284/308}
1,244,160	1,147,212

for ALL suits	non BJ {x284/308}
19,699,200	18,164,197

for ALL suits	non BJ {x284/308}
787,968	726,568

for ALL suits	non BJ {x284/308}
7,879,680	7,265,679

for ALL suits	non BJ {x284/308}
622,080	573,606

for ALL suits	non BJ {x284/308}
907,200	836,509

for ALL suits	non BJ {x284/308}
466,560	430,205

for ALL suits	non BJ {x284/308}
2,384,640	2,198,824

for ALL suits	non BJ {x284/308}
9,953,280	9,177,700

for ALL suits	non BJ {x284/308}
6,635,520	6,118,466

for ALL suits	non BJ {x284/308}
7,464,960	6,883,275

for ALL suits	non BJ {x284/308}
39,398,400	36,328,395

for ALL suits	non BJ {x284/308}
2,488,320	2,294,425

for ALL suits	non BJ {x284/308}
3,628,800	3,346,036

for ALL suits	non BJ {x284/308}
1,866,240	1,720,819

for ALL suits	non BJ {x284/308}
9,849,600	9,082,099

for ALL suits	non BJ {x284/308}
7,879,680	7,265,679

for ALL suits	non BJ {x284/308}
2,488,320	2,294,425

for ALL suits	non BJ {x284/308}
3,628,800	3,346,036

for ALL suits	non BJ {x284/308}
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1,866,240	1,720,819
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for ALL suits	non BJ {x284/308}
9,849,600	9,082,099

for ALL suits	non BJ {x284/308}
9,953,280	9,177,700

for ALL suits	non BJ {x284/308}
6,635,520	6,118,466

for ALL suits	non BJ {x284/308}
7,464,960	6,883,275

for ALL suits	non BJ {x284/308}
39,398,400	36,328,395

for ALL suits	non BJ {x284/308}
622,080	573,606

for ALL suits	non BJ {x284/308}
907,200	836,509

for ALL suits	non BJ {x284/308}
466,560	430,205

for ALL suits	non BJ {x284/308}
2,384,640	2,198,824

for ALL suits	non BJ {x284/308}
7,879,680	7,265,679

for ALL suits	non BJ {x284/308}
31,518,720	29,062,716

for ALL suits	non BJ {x284/308}
622,080	573,606

for ALL suits	non BJ {x284/308}
907,200	836,509

for ALL suits	non BJ {x284/308}
466,560	430,205

for ALL suits	non BJ {x284/308}
9,849,600	9,082,099

for ALL suits	non BJ {x284/308}
4,976,640	4,588,850

for ALL suits	non BJ {x284/308}
3,317,760	3,059,233

for ALL suits	non BJ {x284/308}
3,732,480	3,441,637

for ALL suits	non BJ {x284/308}
19,491,840	17,972,995

for ALL suits	non BJ {x284/308}
2,488,320	2,294,425

for ALL suits	non BJ {x284/308}
3,628,800	3,346,036

for ALL suits	non BJ {x284/308}
1,866,240	1,720,819

for ALL suits	non BJ {x284/308}
9,745,920	8,986,498

for ALL suits	non BJ {x284/308}
10,368,000	9,560,104

for ALL suits	non BJ {x284/308}
67,184,640	61,949,473

for ALL suits	non BJ {x284/308}
9,849,600	9,082,099

for ALL suits	non BJ {x284/308}
13,996,800	12,906,140