

APBA PRO BOWLING: UNSURPASSED IN REALISM!

From the Regular Bowler to the Casual Fan — A Game for Everyone!

As Accurate As A Game Can Be

APBA Pro Bowling may well be the most realistic of all the APBA games—the others are Baseball, Football, Basketball, Saddle Racing and Golf—games widely acclaimed for their remarkable, unerring reproductions of pro sports. Like the others, APBA Bowling was researched and tested for years before it was marketed.

Every one of the 48 bowlers represented in this game will very nearly duplicate his actual average on the pro circuit. After a number of games with APBA Bowling, the strengths and weaknesses of each pro—from Mike Aulby to Leslie Zikes—will become apparent to you.

You Don't Need to Be A Bowling Expert to Play

The more you know about professional bowling, the more you'll appreciate the authenticity of this game at the outset. But even if you're almost totally unfamiliar with the sport when you get the game, you still won't be lost! You'll soon learn not only the characteristics of the pros represented in the game, but also the ins and outs of bowling itself.

Yes, APBA can MAKE you a professional bowling expert! If you don't already know, you'll rapidly discover which kinds of spare combinations are hardest to convert. You'll recognize, in a hurry, just how tough it is to roll a "perfect" 300 game. And, of course, you'll swiftly determine which bowlers are the cream of the crop of 48, the very best of the particular season contained in the current edition of the game.

Complete A Game In Less Than 10 Minutes

In actual competition, two bowlers can run off a game in about 18-20 minutes. You can finish the same contest in APBA in fewer than 10. Most games should take around 5-8 minutes, depending on the ratio of strikes to spares over the course of ten frames.

APBA Bowling takes less time than real-life bowling simply because it eliminates the time spent waiting for ball returns and the "concentration time" of the bowlers prior to each roll of the ball. As few as two dice-rolls and seldom more than four or five will complete a frame. Ten frames are completed in short order and you will find that even a 48-man elimination tournament can be played off by one person during his leisure time over the course of one week. A group of players can do it in a considerably shorter period.

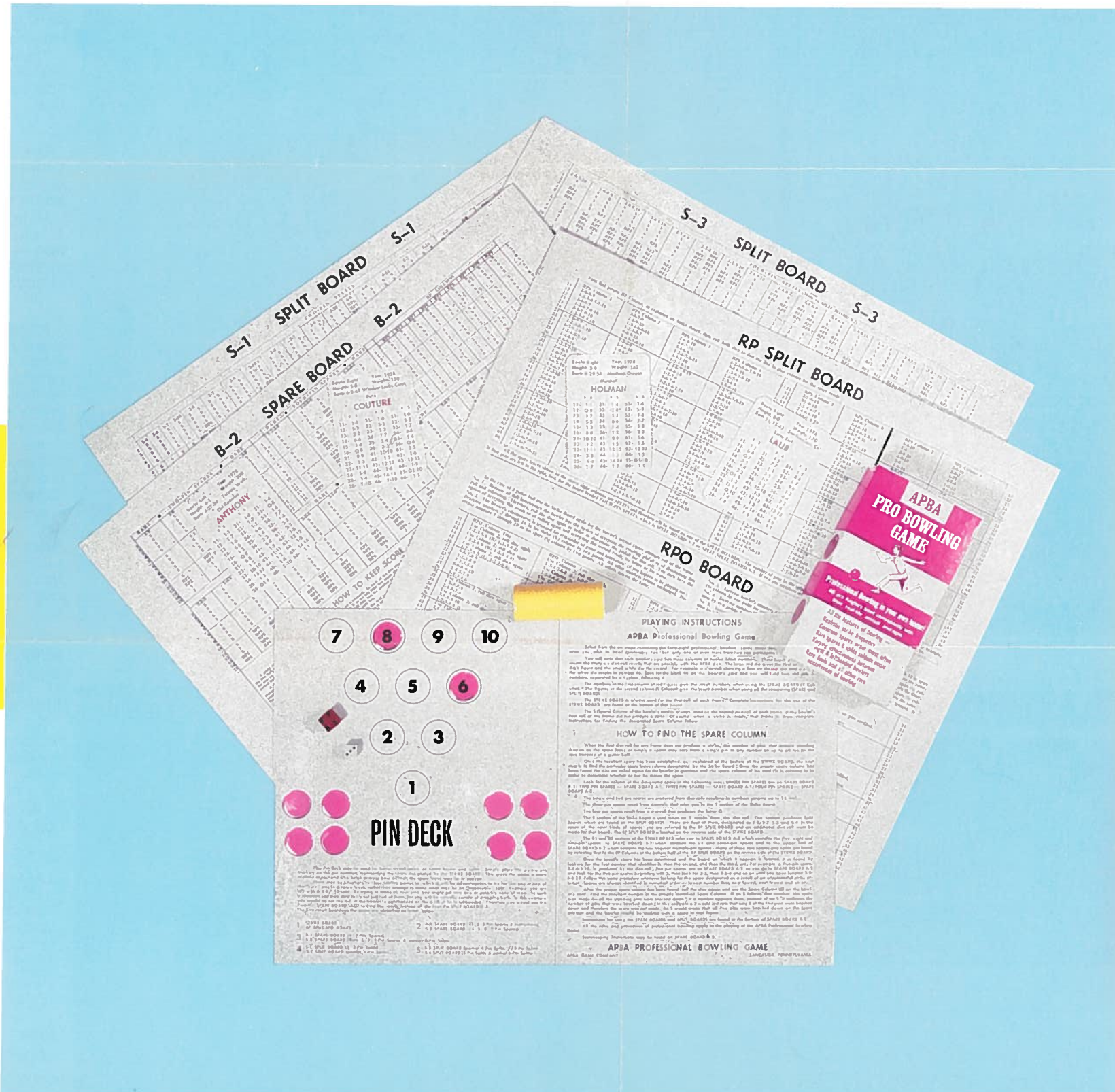
You Can Play APBA Bowling By Yourself

Obviously, you can play APBA Bowling in "face-to-face" fashion against one or more friends, with each player "managing" one or more bowlers. You can schedule single games or a series of games. You can match any two bowlers against each other, head-to-head. You can arrange tournaments with each contestant controlling a group of bowlers, instead of just one, and having the winner determined as the one whose "group" accumulated the highest pin total for the tourney.

Or you may provide yourself with an afternoon or evening of private entertainment, enjoying the game alone. Play any number of games, observing and "coaching" whichever pros you prefer. (Solitary play, incidentally, is probably the fastest way to acquaint yourself with the characteristics of the 48 bowlers.) You can, in fact, do just about anything you want with APBA Bowling.

48 LEADING PRO BOWLERS PERFORM FOR YOU Fresh Excitement with Every Game They Roll

SPARES & SPLITS OCCUR WITH SAME FREQUENCY AS IN REAL-LIFE PRO COMPETITION!



An Updated Set of Bowlers Every Year

Forty-eight of the top touring professional bowlers are assigned APBA Bowling cards each year. Number of games bowled, pin average and dollar winnings are the bases for selection. The current (1988) edition of APBA Pro Bowling features the following professionals:

- | | | |
|---------------------|----------------------|------------------------------|
| 1. Mike Aulby | 17. Dave Husted | 33. Rickie Sajek |
| 2. Mark Baker | 18. Bobby Jacks | 34. Ernie Schlegel |
| 3. Tom Baker | 19. Dennis Jacques | 35. Gary Skidmore |
| 4. Dei Ballard, Jr. | 20. Mats Karlsson | 36. Gil Siiker |
| 5. Ron Bell | 21. Sam Maccaroni | 37. Harry Sullins |
| 6. Joe Berard, Jr. | 22. Steve Martin | 38. Brian Voss |
| 7. Steve Cook | 23. Pete McCordic | 39. Kent Wagner |
| 8. Tom Crites | 24. Marc McDowell | 40. Dei Warren |
| 9. Gary Dickinson | 25. Tom Milton | 41. Wayne Webb |
| 10. Norm Duke | 26. Amleto Monacelli | 42. Pete Weber |
| 11. Dave Ferraro | 27. Rowdy Morrow | 43. Dick Weber, Sr. |
| 12. John Gant | 28. David Ozio | 44. Tony Westlake |
| 13. Don Genalo | 29. Ron Palombi, Jr. | 45. Walter Ray Williams, Jr. |
| 14. Purvis Granger | 30. Rod Pasteur | 46. Steve Wunderlich |
| 15. Bob Handley | 31. Randy Pedersen | 47. Billy Young, Jr. |
| 16. Marshall Holman | 32. Mark Roth | 48. Leslie Zikes |

A new edition of cards is computed every year, based on the statistics of the preceding calendar year, and becomes available in July. The current edition represents the 1986 bowling year. The 1989 edition, available July, 1988, will reflect the records of the 1987 season.

Naturally, you won't need to purchase a whole new Bowling Game every year to update your cards. If you want to update, all you'll have to buy is the card set itself, which currently costs just \$4.95 (\$5.25 in Penna., \$5.45 foreign).

SAMPLE SERIES

To illustrate the authenticity—and at the same time the unpredictability—of APBA Bowling, we pulled four bowlers at random from a previous season's set and bowled a couple of sample 3-game, 4-way contests.

First Series

Anthony	248	—	226	—	226	—	700
Couture	177	—	192	—	209	—	578
Holman	200	—	198	—	228	—	626
Laub	213	—	186	—	237	—	636

Second Series

Anthony	199	—	212	—	218	—	629
Couture	219	—	220	—	232	—	671
Holman	241	—	224	—	189	—	654
Laub	222	—	207	—	201	—	630

As you see, a hot Earl Anthony buried the competition in the first series, but dropped all the way to fourth in the second! Pete Couture, on the other hand, won the second round after a disastrous first. Marshall Holman was Couture's closest pursuer in the second series, while Larry Laub posted nearly identical totals in the two rounds.

Anything can happen in a given game, series or tournament; any of your 48 bowlers might win, just as in real life. Over the long haul, though, you can count on the top pros being the best bowlers in APBA as well. The fact that each man will average almost exactly what he did in the actual season insures it.

Bowlers Can "Choke" Under Pressure

Every bowler has a Strike (X) and a Spare (S) Column on his card, as evidenced by the cards pictured at left. The Strike Column is used for the first ball of every frame and, if appropriate, on subsequent rolls in the tenth frame.

The game's Strike Board supplies the result of the first ball. (A separate strike column is listed for each frame.) If it fails to produce a strike, the Board indicates specifically (by pin number) which pins remain standing. The ten frame columns take into account the stage of the game, possible temporary streaks by bowlers and the mounting tension as the contest nears its end. A bowler, especially a less skilled or experienced one, may find it tougher to strike in the eighth, ninth and tenth frames.

In the earlier frames an inferior bowler with a "hot hand" may appear stronger than a more accomplished pro who is "cold." But the superior bowler will invariably possess a better chance for a hot streak down the stretch. The proven winners among the pros will be less likely to "choke."

©Copyright 1987
APBA GAME COMPANY, INC.
 1001 Millersville Road
 Post Office Box 4547
 Lancaster, Pennsylvania 17604-4547

467 Different Spare Possibilities

APBA Pro Bowling is a thoroughly comprehensive reproduction of the sport of bowling. A case in point is the variety of spare leaves (or simply spares) included in the game. Mathematically, 1,023 different spares are possible in bowling. A large number of those, however, are inconceivable in practice. One quite obvious example is a 1-2-3-4-6-7-8-9-10 spare—the five (middle) pin down and all others standing.

APBA provides for all single-pin spares and every sensible combination. That's 467 individually listed spares, each of which comes up with nearly the same frequency as in real life.

Innovative APBA Techniques to Determine Spares

To identify which pins remain standing after an unsuccessful strike attempt, APBA Bowling sometimes employs entirely original "multiple result" techniques. This system reduces (often drastically) the chances for uncommon spares and splits.

You may bowl literally hundreds of games without certain rarities ever occurring, while more conventional spares may appear several times in one game. When a bowler fails to strike, one, two, three or four-pin spares result most frequently, but even many of the three and four-pin combinations are awfully unusual.

Find the Spare Fast

Reading that as many as 467 different spares are designated, you might figure that the game must be terribly complicated. It's not!

Among the nine spare and split boards, each spare and split is listed in its own bracketed column. The instructions on the pin deck direct you to the proper board and, after that, locating even the most incredible split is a simple matter. You may have trouble converting it, but not finding it. That should never take more than a few seconds.

Shot Options

Naturally, the degree of difficulty in converting every spare and split has been painstakingly analyzed and accurately reflected in APBA Bowling. The percentage of chance for making most single-pin spares may exceed 95%, while the figure for the Infamous 7-10 split may be less than 1%. A great deal, of course, depends upon the bowler himself.

More APBA Detail: Distinctions Between Lefthanders & Righthanders

Attention to detail has, unquestionably, been a prime reason for the success of every other APBA game. And we've applied that same attention to detail to APBA Bowling. One small piece of evidence: APBA even allows for variations in results contingent upon which hand the bowler uses!

Since angles are so significant in rolling for spares, some shots are a bit tougher for lefties than for righties, and vice-versa. Certain spares favor lefthanders, others favor righthanders, and APBA has incorporated this widely overlooked aspect of bowling realistically. You'll find the sophistication of this game nearly unbelievable! (Yet it's so simple to play.)

INTRICATE IN DESIGN — EASY TO PLAY

STRIKE BOARD		SIXTH FRAME		SEVENTH FRAME		EIGHTH FRAME		NINTH FRAME		TENTH FRAME	
FRAME	FOURTH FRAME	FIFTH FRAME	STRIKE	STRIKE	STRIKE	STRIKE	STRIKE	STRIKE	STRIKE	STRIKE	STRIKE
1	9	7	7	8	4	3	9	6	7	7	1
2	10	7	10	7	10	10	10	10	10	10	2
3	5-8	3-6	3-6 (R: 2-4)	7-8 (L: 9-10)	3-6 (R: 2-4)	5-8 (R: 4-5)	2-4 (L: 3-4)	5-8	2-4 (L: 3-4)	5-8	3
4	2-4	4-8	6-10 (R: 4-7)	4-8	5-6	4-5 (L: 5-4)	1-3 (R: 1-2)	4-8	1-3 (R: 1-2)	4-8	4
5	4-7 (L: 6-10)	2-8	2-8	2-8	2-8	2-8	1-3 (L: 1-2)	2-8	1-3 (L: 1-2)	2-8	5
6	4-8	5-6	5-6	6-10 (L: 4-7)	6-9	5-9	4-7 (L: 6-10)	5-9	4-7 (L: 6-10)	5-9	6
7	5-8	5-8	5-8	4-5-9 (L: 5-6-8)	4-5-9	1-8-9	1-8-9	6-8-9	1-8-9	6-8-9	7
8	5-8	5-8	5-8	3-5-6 (R: 2-4-5)	3-5-6	3-5-6 (R: 2-4-5)	3-5-6	3-5-6	3-5-6 (R: 2-4-5)	3-5-6	8
9	5-8	5-8	5-8	2-4-7 (L: 3-4-6)	2-4-7	2-4-7 (L: 3-4-6)	2-4-7	2-4-7	2-4-7 (L: 3-4-6)	2-4-7	9
10	5-8	5-8	5-8	1-2-3-5 (L: 1-3-5-8)	1-2-3-5	1-2-3-5 (L: 1-3-5-8)	1-2-3-5	1-2-3-5	1-2-3-5 (L: 1-3-5-8)	1-2-3-5	10
11	5-8	5-8	5-8	1-2-3-4-9 (L: 1-2-3-4-9)	1-2-3-4-9	1-2-3-4-9 (L: 1-2-3-4-9)	1-2-3-4-9	1-2-3-4-9	1-2-3-4-9 (L: 1-2-3-4-9)	1-2-3-4-9	11
12	5-8	5-8	5-8	1-2-3-4-6-9 (L: 1-2-3-4-6-9)	1-2-3-4-6-9	1-2-3-4-6-9 (L: 1-2-3-4-6-9)	1-2-3-4-6-9	1-2-3-4-6-9	1-2-3-4-6-9 (L: 1-2-3-4-6-9)	1-2-3-4-6-9	12
13	5-8	5-8	5-8	1-2-3-4-5-9 (L: 1-2-3-4-5-9)	1-2-3-4-5-9	1-2-3-4-5-9 (L: 1-2-3-4-5-9)	1-2-3-4-5-9	1-2-3-4-5-9	1-2-3-4-5-9 (L: 1-2-3-4-5-9)	1-2-3-4-5-9	13
14	5-8	5-8	5-8	1-2-3-4-5-6-9 (L: 1-2-3-4-5-6-9)	1-2-3-4-5-6-9	1-2-3-4-5-6-9 (L: 1-2-3-4-5-6-9)	1-2-3-4-5-6-9	1-2-3-4-5-6-9	1-2-3-4-5-6-9 (L: 1-2-3-4-5-6-9)	1-2-3-4-5-6-9	14
15	5-8	5-8	5-8	1-2-3-4-5-6-7-9 (L: 1-2-3-4-5-6-7-9)	1-2-3-4-5-6-7-9	1-2-3-4-5-6-7-9 (L: 1-2-3-4-5-6-7-9)	1-2-3-4-5-6-7-9	1-2-3-4-5-6-7-9	1-2-3-4-5-6-7-9 (L: 1-2-3-4-5-6-7-9)	1-2-3-4-5-6-7-9	15
16	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9 (L: 1-2-3-4-5-6-7-8-9)	1-2-3-4-5-6-7-8-9	1-2-3-4-5-6-7-8-9 (L: 1-2-3-4-5-6-7-8-9)	1-2-3-4-5-6-7-8-9	1-2-3-4-5-6-7-8-9	1-2-3-4-5-6-7-8-9 (L: 1-2-3-4-5-6-7-8-9)	1-2-3-4-5-6-7-8-9	16
17	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10 (L: 1-2-3-4-5-6-7-8-9-10)	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7-8-9-10 (L: 1-2-3-4-5-6-7-8-9-10)	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7-8-9-10	1-2-3-4-5-6-7-8-9-10 (L: 1-2-3-4-5-6-7-8-9-10)	1-2-3-4-5-6-7-8-9-10	17
18	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11 (L: 1-2-3-4-5-6-7-8-9-10-11)	1-2-3-4-5-6-7-8-9-10-11	1-2-3-4-5-6-7-8-9-10-11 (L: 1-2-3-4-5-6-7-8-9-10-11)	1-2-3-4-5-6-7-8-9-10-11	1-2-3-4-5-6-7-8-9-10-11	1-2-3-4-5-6-7-8-9-10-11 (L: 1-2-3-4-5-6-7-8-9-10-11)	1-2-3-4-5-6-7-8-9-10-11	18
19	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12 (L: 1-2-3-4-5-6-7-8-9-10-11-12)	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12 (L: 1-2-3-4-5-6-7-8-9-10-11-12)	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12	1-2-3-4-5-6-7-8-9-10-11-12 (L: 1-2-3-4-5-6-7-8-9-10-11-12)	1-2-3-4-5-6-7-8-9-10-11-12	19
20	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13)	1-2-3-4-5-6-7-8-9-10-11-12-13	1-2-3-4-5-6-7-8-9-10-11-12-13 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13)	1-2-3-4-5-6-7-8-9-10-11-12-13	1-2-3-4-5-6-7-8-9-10-11-12-13	1-2-3-4-5-6-7-8-9-10-11-12-13 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13)	1-2-3-4-5-6-7-8-9-10-11-12-13	20
21	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14)	1-2-3-4-5-6-7-8-9-10-11-12-13-14	1-2-3-4-5-6-7-8-9-10-11-12-13-14 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14)	1-2-3-4-5-6-7-8-9-10-11-12-13-14	1-2-3-4-5-6-7-8-9-10-11-12-13-14	1-2-3-4-5-6-7-8-9-10-11-12-13-14 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14)	1-2-3-4-5-6-7-8-9-10-11-12-13-14	21
22	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15	22
23	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16	23
24	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17	24
25	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18	25
26	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19	26
27	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20	27
28	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21	28
29	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22	29
30	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23	30
31	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24	31
32	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25)	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25	32
33	5-8	5-8	5-8	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26 (L: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26)	1-2-3-4-5-6-7-8-9-10-11-12-13						