

| Meltzer | Rose Meltzer, Capt <br> Peter Boyd <br> Steve Garner |
| :--- | :--- |
| Milner | Reese Milner, Capt <br> Zia Mahmood <br> Mark Lair |
| Street | Paul Street, Capt <br> Bart Bramley <br> Marc Jacobus <br> Gaylor Kasle, Capt |
| Kasle | Neil Chambers <br> Drew Casen <br> Dan Morse, Capt <br> Chip Martel |
| Morse | Kit Woolsey <br> Michael Levine, Capt |
| Levine | Sam Lev <br> Roger Bates |
| Jacobs | George Jacobs, Capt <br> Craig Allen |
| Simson | Doug Simson, Capt <br> Marc Zwerling |
| Katz | Dennis Clerkin <br> Robert Katz, Capt <br> Linda Lewis |
| Sorkin | Robert Bitterman <br> Jon Sorkin, Capt <br> David Lehman <br> Cheri Bjerkan |

Born in St. Louis in 1949, RonSmith's life was shaped by three
 unrelated attractions. He is a celebrated musician, known mostly for his talent at the keyboard and at one time was a concert pianist. He has also served as an Investment Advisor, but no one will ever be convinced that his first true love isn't bridge!
Ron, by his own admission, says he "learned bridge from a series of mistakes." Quite by chance, he watched some re-runs of the old Charlie Goren Championship Television Shows, got the book about the Series and found it fascinating reading. That roused his interest and he was hot to trot! His actual introduction to playing was unlike anyone else's story of how they broke into the game. He laughingly confesses, "My sister, who was faced with the task of finding a boyfriend, had me playing in the local clubs and tournaments in St. Louis." Don't know if his sister ever succeeded, but Ron's persona, modesty and achievements in the bridge world are recognized and admired.

His early partners included Norbert Kremer, Roger Lord, William Harvey and Ken Biand. He won a Regional Pair with the then-sixteen year old Canadian Billy Cohen (son of former ACBL CEO) and the following day played with seventeen year old Bobby Levin and history found a way of repeating itself. Back to back wins!.
Ron sports six NABC titles, with twelve second place finishes and hosts of other titles. Ron won the Blue Ribbons in 1979 with Bobby Levin and the 1987 Reisinger Teams with Billy Cohen, Zia and Jaggy; this win is among his fondest memories (and he emphasizes it was not necessarily about winning) because the ' 87 Reisinger Team boasted four different nationalities and had a team spirit comparable to none!
Ron is a popular Bridge Professional and admits to just enjoying playing frequently -- probably three or four times a week and sometimes on line. On his stays in San Francisco, if the opportunity presents itself, he makes it his business to play on Monday evenings at the Club Quick Tricks. Ron has always taken an interest in Junior Bridge and its promotion and finds it both fun and rewarding to partner the juniors.

## Seniors' United States Bridge Championship <br> Schedule of Play

| Day | ate | Time | Boards Played |
| :---: | :---: | :---: | :---: |
| Friday | 6/5 | 9:45 am | Captains' Meeting |
| Round Robin |  |  |  |
| Friday | 6/5 | $\begin{aligned} & 10: 00-11: 12 \\ & 11: 20-12: 32 \\ & 12: 40-1: 52 \\ & \\ & 3: 15-4: 27 \\ & 4: 35-5: 47 \\ & 5: 55-7: 07 \\ & \hline \end{aligned}$ | Boards 1-8 <br> Boards 9-16 <br> Boards 17-24 <br> 80 Minute Lunch Break <br> Boards 1-8 <br> Boards 9-16 <br> Boards 17-24 |
| Saturday | 6/6 | 10:00-11:12 11:20-12:32 $12: 40-1: 52$ | Boards 1-8 <br> Boards 9-16 ** <br> Boards 17-24 ** |
| ** Last two matches are sequestered -no comparison and no change of Closed Room players is allowed. |  |  |  |
| Quarter-Final \& USA2 Round of 32 |  |  |  |
| Saturday | 6/6 | $\begin{aligned} & 4: 00-6: 10 \\ & 6: 20-8: 30 \\ & \hline \end{aligned}$ | Boards 1-15 Boards 16-30 |
| Sunday | 6/7 | $\begin{gathered} 10: 00 \mathrm{am}-12: 10 \mathrm{pm} \\ 12: 20-2: 30 \\ 4: 00-6: 10 \\ 6: 20-8: 30 \\ \hline \end{gathered}$ | Boards 1-15 <br> Boards 16-30 <br> 90 Minute Lunch Break <br> Boards 31-45 <br> Boards 46-60 |


| Semi-Final \& USA2 Round of 16 (Click Here for Schedule (Soon)) |  |  |  |
| :---: | :---: | :---: | :---: |
| Monday | 6/8 | $\begin{gathered} \hline \text { 10:00 am - 12:10 pm } \\ 12: 20-2: 30 \\ 4: 00-6: 10 \\ 6: 20-8: 30 \\ \hline \end{gathered}$ | Boards 1-15 <br> Boards 16-30 <br> 90 Minute Lunch Break <br> Boards 31-45 <br> Boards 46-60 |
| Tuesday | 6/9 | $\begin{gathered} 10: 00 \mathrm{am}-12: 10 \mathrm{pm} \\ 12: 20-2: 30 \end{gathered}$ | Boards 61-75 Boards 76-90 |
| Final \& USA2 Quarterfinal |  |  |  |
| Tuesday | 6/9 | $\begin{aligned} & \text { 4:00-6:10 } \\ & 6: 20-8: 30 \end{aligned}$ | Boards 1-15 Boards 16-30 |
| Wednesday | 6/10 | $\begin{gathered} 10: 00 \mathrm{am}-12: 10 \mathrm{pm} \\ 12: 20-2: 30 \\ 4: 00-6: 10 \\ 6: 20-8: 30 \\ \hline \end{gathered}$ | Boards 31-45 <br> Boards 46-60 <br> 90 Minute Lunch Break <br> Boards 61-75 <br> Boards 76-90 |
| USA2 SEmI-FINAL |  |  |  |
| Thursday | 6/11 | $\begin{gathered} \text { 10:00 am - 12:10 pm } \\ 12: 20-2: 30 \\ 4: 00-6: 10 \\ 6: 20-8: 30 \\ \hline \end{gathered}$ | Boards 1-15 <br> Boards 16-30 <br> 90 Minute Lunch Break <br> Boards 31-45 <br> Boards 46-60 |
| Friday | 6/12 | $\begin{gathered} \hline 10: 00 \mathrm{am}-12: 10 \mathrm{pm} \\ 12: 20-2: 30 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Boards 61-75 } \\ & \text { Boards 76-90 } \\ & \hline \end{aligned}$ |
| USA2 Final |  |  |  |
| Friday | 6/12 | $\begin{aligned} & 4: 00-6: 10 \\ & 6: 20-8: 30 \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline \text { Boards 1-15 } \\ \text { Boards } 16-30 \\ \hline \end{array}$ |
| Saturday | 6/13 | $\begin{gathered} \hline 10: 00 \mathrm{am}-12: 10 \mathrm{pm} \\ 12: 20-2: 30 \\ 4: 00-6: 10 \\ 6: 20-8: 30 \\ \hline \end{gathered}$ | Boards 31-45 <br> Boards 46-60 <br> 90 Minute Lunch Break <br> Boards 61-75 <br> Boards 76-90 |


| Board 18 |  |
| :---: | :---: |
| Dealer: E |  |
| N/S Vul. | - K93 |
|  | - O 2 |
|  | - 8765 |

^ A2

- OT64
- AJ96

^ OT654
- 85
- 8543
- 943
* QJ
^ KJ
- AJ72
- KT7
* AKT2

| Closed <br> Room |  |  |  |
| :--- | :--- | :--- | :--- |
| West | North | East | South |
| Wolpert | Cayne | Fireman | Seamon |
|  |  | Pass | 1 C |

All Pass

| Open Room |  |  |  |
| :--- | :--- | :--- | :--- |
| Zia | Kranyak | Kamil | Demuy |
| 1D |  | Pass | 1C (strong) |
| Pass | Dble (alert) | 3D | Double |
| All Pass |  | Pass | 3NT |

In the Closed Room, Seamon opened 1C. Wolpert didn't think his two four card suits were worth an overcall on his 11 count, he passed; Cayne held four clubs and barely a response so he chose the conservative route and passed, and Fireman, with two queens and a jack, didn't think he needed to bid. 1C made two for +90 .

In the Open Room, there was more flair. Zia was there! Demuy opened 1C, and Zia overcalled 1D. Kranyak doubled and Kamil preempted 3D. Demuy, holding a solid 19, doubled 3D. Zia passed and Kranyak bid his four card spade suit. Demuy bid 3NT.

Zia led a diamond to Demuy's ten. Demuy cashed the ace and king of clubs, happily noting the fall of the queen and jack. He cashed two more rounds of clubs, Zia pitching a heart on the last club. Demuy played the king of hearts and took the losing heart finesse.

Zia cashed the ace of diamond and the ace of spades and conceded 10 tricks. 11 IMPs to Fireman

## Kibitzing Rules

## When Can You Kibitz in the Playing Rooms?

You will be able to kibitz at any of the tables during this event. However, except in the Open Room during the Round Robin, you will be subject to the following regulations:

Kibitzers may enter the room ONLY at the start of play for a segment. Once play has started, the room will be closed. A kibitzer who leaves the room may not return until the start of the next session.

Cell phones and other electronic devices are not allowed in the playing rooms, even if they are turned off. Any kibitzer who is found with a cell phone will be evicted and not allowed to kibitz during the remainder of the tournament. When a match is being shown on BBO Vugraph, no kibitzer may sit on the same side of the table as the Vugraph operator.

## Screens

All of the Senior USBC is played with screens. If you've never kibitzed at a table with screens before, you need to know that it is quite different from kibitzing at a regular table. You need to be seated at an "open" corner of the table (not next to the screen) in order to see much, and once there are 4 kibitzers at a table it will be very hard for additional kibitzers to see.

## USBF Kibitzing Rules

The USBF General Conditions of Contest contain specific rules about kibitzers. They are designed to promote security at the tournament and are set forth in the conditions of contest section labeled "Security." They are:
a. During any use of duplicated boards across multiple matches, Kibitzers must select one table for kibitzing and may not move to any other table during a session or segment.
b. Kibitzers may not speak with players, must watch only one hand at a time, may not sit in such a position as to see more than one hand at a time, may not sit in such a position as to see a computer screen in use for Internet broadcast, must check communication devices with the Director, cannot call attention to irregularities other than a board being placed incorrectly on the table (arrow positioning), but may serve as witnesses to a possible irregularity.
c. Kibitzers must enter the playing room before play commences. Kibitzers are required to remain until the segment of play is completed at the table they are watching or to leave the playing area entirely. Kibitzers are expected to abide by the same rules as the players regarding leaving the room (e.g. be escorted to the restroom).
d. Except as expressly provided in these conditions and appendices, NPC's shall be subject to the WBF General Conditions, Section 17.
e. No one other than the Internet broadcast personnel and Tournament Directors may watch any computer screen or any other mechanism for enabling the Internet broadcast at any time in either the Closed or the Open Room.
f. These rules may be revised in specific instances by the DICs for the orderly running of the event.

A guy is reading his paper when his wife walks up behind him and smacks him on the back of the head with a frying pan. He asks, "What was that for?" She says, "I found a piece of paper in your pocket with 'Betty Sue' written on it." He says, "Jeez, honey, remember last week when I went to the track? Betty Sue was the name of the horse I went there to bet on." She shrugs and walks away. Three days later he's reading his paper when she walks up behind him and smacks him on the back of the head again with the frying pan. He asks, "What was that for?" She answers, "Your horse called."

An out-of-towner drove his car into a ditch in a desolated area. Luckily, a local farmer came to help with his big strong horse named Buddy. He hitched Buddy up to the car and yelled, "Pull, Nellie, pull!" Buddy didn't move. Then the farmer hollered, "Pull, Buster, pull!" Buddy didn't respond. Once more the farmer commanded, "Pull, Coco, pull!" Nothing. Then the farmer nonchalantly said, "Pull, Buddy, pull!" And the horse easily dragged the car out of the ditch. The motorist was most appreciative and very curious. He asked the farmer why he called his horse by the wrong name three times. The farmer said, "Oh, Buddy is blind and if he thought he was the only one pulling, he wouldn't even try!"

A woman on the phone to her friend: I feel like my body has gotten totally out of shape, so I got my doctor's permission to join a fitness club and start exercising.... I decided to take an aerobics class for seniors. I bent, twisted, gyrated, jumped up and down, and perspired for an hour. But, by the time I got my leotards on, the class was over.


| Margin | Winner | Loser |  | Margin | Winner | Loser |  | Margin | Winner | Loser |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 10 | 10 |  | 15 | 15.23 | 4.77 | 30 | 18.37 | 1.63 |  |
| 1 | 10.44 | 9.56 |  | 16 | 15.50 | 4.50 |  | 31 | 18.53 | 1.47 |
| 2 | 10.86 | 9.14 |  | 17 | 15.75 | 4.25 |  | 32 | 18.68 | 1.32 |
| 3 | 11.27 | 8.73 |  | 18 | 16 | 4 |  | 33 | 18.83 | 1.17 |
| 4 | 11.67 | 8.33 |  | 19 | 16.23 | 3.77 |  | 34 | 18.97 | 1.03 |
| 5 | 12.05 | 7.95 |  | 20 | 16.46 | 3.54 | 35 | 19.11 | 0.89 |  |
| 6 | 12.42 | 7.58 |  | 21 | 16.68 | 3.32 | 36 | 19.24 | 0.76 |  |
| 7 | 12.77 | 7.23 |  | 22 | 16.9 | 3.1 | 37 | 19.37 | 0.63 |  |
| 8 | 13.12 | 6.88 |  | 23 | 17.11 | 2.89 | 38 | 19.5 | 0.5 |  |
| 9 | 13.45 | 6.55 |  | 24 | 17.31 | 2.69 | 39 | 19.62 | 0.38 |  |
| 10 | 13.78 | 6.22 |  | 25 | 17.5 | 2.5 | 40 | 19.74 | 0.26 |  |
| 11 | 14.09 | 5.91 |  | 26 | 17.69 | 2.31 | 41 | 19.85 | 0.15 |  |
| 12 | 14.39 | 5.61 |  | 27 | 17.87 | 2.13 |  | 42 | 19.95 | 0.05 |
| 13 | 14.68 | 5.32 |  | 28 | 18.04 | 1.96 | 43 | 20 | 0 |  |
| 14 | 14.96 | 5.04 |  | 29 | 18.21 | 1.79 |  |  |  |  |

## vP Scale

For Use in the
UssBC

## Hospitality Suite Information:

The hospitality suite for the 2015 Senior USBC is Suite 2321. Players, volunteers, kibitzers, friends and supporters are welcome in the Hospitality Suite during the tournament. Please join Martha Katz, Chris Benson and Carol Hillard for:

Breakfast each day from 8:30-11:00 am.
Lunch on Friday \& Sunday through Saturday from 2:30-4:30. On Saturday, June 7th, lunch will be a buffet lunch served in the Cyan Room of the hotel (at the front of the hotel off the lobby).

The Hospitality Suite will be open for Vugraph, casual chit chat, drinks \& snacks during the rest of the playing hours and for a short time after the end of play each day.
The Players' Lounge (room 1321) will also be open each day. You will find coffee and snacks there during play.

| Margin | Winner | Loser |  | Margin | Winner | Loser | Margin | Winner | Loser |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 10 | 10 |  | 21 | 15.19 | 4.81 |  | 42 | 18.33 | 1.67 |
| 1 | 10.31 | 9.69 |  | 22 | 15.38 | 4.62 |  | 43 | 18.44 | 1.56 |
| 2 | 10.61 | 9.39 |  | 23 | 15.56 | 4.44 |  | 44 | 18.55 | 1.45 |
| 3 | 10.91 | 9.09 |  | 24 | 15.74 | 4.26 |  | 45 | 18.66 | 1.34 |
| 4 | 11.20 | 8.80 |  | 25 | 15.92 | 4.08 |  | 46 | 18.77 | 1.23 |
| 5 | 11.48 | 8.52 |  | 26 | 16.09 | 3.91 |  | 47 | 18.87 | 1.13 |
| 6 | 11.76 | 8.24 |  | 27 | 16.26 | 3.74 | 48 | 18.97 | 1.03 |  |
| 7 | 12.03 | 7.97 |  | 28 | 16.42 | 3.58 |  | 49 | 19.07 | 0.93 |
| 8 | 12.29 | 7.71 |  | 29 | 16.58 | 3.42 |  | 50 | 19.16 | 0.84 |
| 9 | 12.55 | 7.45 |  | 30 | 16.73 | 3.27 | 51 | 19.25 | 0.75 |  |
| 10 | 12.80 | 7.20 |  | 31 | 16.88 | 3.12 |  | 52 | 19.34 | 0.66 |
| 11 | 13.04 | 6.96 |  | 32 | 17.03 | 2.97 | 53 | 19.43 | 0.57 |  |
| 12 | 13.28 | 6.72 |  | 33 | 17.17 | 2.83 |  | 54 | 19.52 | 0.48 |
| 13 | 13.51 | 6.49 |  | 34 | 17.31 | 2.69 |  | 55 | 19.61 | 0.39 |
| 14 | 13.74 | 6.26 |  | 35 | 17.45 | 2.55 | 56 | 19.69 | 0.31 |  |
| 15 | 13.96 | 6.04 |  | 36 | 17.59 | 2.41 | 57 | 19.77 | 0.23 |  |
| 16 | 14.18 | 5.82 |  | 37 | 17.72 | 2.28 |  | 58 | 19.85 | 0.15 |
| 17 | 14.39 | 5.61 |  | 38 | 17.85 | 2.15 |  | 59 | 19.93 | 0.07 |
| 18 | 14.60 | 5.40 |  | 39 | 17.97 | 2.03 |  | 60 | 20 | 0 |
| 19 | 14.80 | 5.20 |  | 40 | 18.09 | 1.91 |  |  |  |  |
| 20 | 15 | 5 |  | 41 | 18.21 | 1.79 |  |  |  |  |

## USBF 16 Board VP Scale


${ }^{\prime}$ Players


The Knockout stages of the 2015 Senior USBC will be covered on BBO Vugraph. We plan to cover 4-8 tables in the Round of 16 and Quarter-finals, all 4 tables in the Semi-finals and both tables in the Finals, and all of the tables in the USA2 Semi-finals and Finals, as well as some of the Quarter-finals. To watch the Vugraph online, go to the BBO website where you can either log on directly from your browser, go to "Vugraph" and choose which table to watch, or download the BBO software to run BBO on your computer. If you choose the latter approach, after downloading, install the software on your computer, log on, follow the directions to become a BBO member and you'll be magically transported to the Lobby of the largest bridge club in the world. Click on the button labeled VUGRAPH and you'll be able to choose which of the USSBC matches you want to watch.

There will usually be a "yellow" user on BBO called USBF. If you have general questions, please ask USBF, not one of the hard-working Vugraph Operators, some of whom may not have time to respond to private messages. Thank you.

Each day's schedule is the same (these are Chicago times; to see the times for your time-zone, go to the BBO Vugraph schedule site):

10:00-12:10: Segment 1
12:20-2: 30: Segment 2
3:40-5:50: Segment 3
6:00-8:10: Segment 4

Segments 2 and 4 may start a little earlier or later than they are scheduled depending on when segments 1 and 3 end.

In the Round of 16 , each match will play a different set of boards. In the Quarterfinal, the matches may play the same boards or different boards. In the Semi-Finals all of the teams will play the same boards, but for security reasons, if the matches do not all start at the same time, we will not start the Vugraph broadcast until all matches have started play.

After a session, you can review the Vugraph action on our Web Vugraphs, which show each hand played with a link to bidding and play records. Take a look at the events currently available to see what we'll have for the 2015 Senior USBC. Web Vugraphs are posted within about half an hour of completion of the Vugraph show.


## Plan to Attend the 2015 Summer NABC August 6-16 Hilton and Towers Downtown Chicago

|  |  |  |  |  |  | 9 | 8 | 2 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | 5 |  |  | 9 |  | 1 |  |
|  | 1 | 9 | 6 |  |  |  |  |  |
|  |  |  | 3 |  |  |  |  | 6 |
|  | 4 | 1 |  | 2 |  | 5 | 9 |  |
| 7 |  |  |  |  | 6 |  |  |  |
|  |  |  |  |  | 1 | 4 | 5 |  |
|  | 3 |  | 9 |  |  | 1 |  |  |
| 1 | 7 | 8 |  |  |  |  |  |  |

Sudoku 1


| 5 | 6 |  |  |  |  | 2 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  | 9 |  |  |
| 9 | 3 | 1 |  | 2 | 8 |  |  |
|  |  |  |  | 4 | 1 | 9 |  |
| 2 |  |  |  |  |  |  |  |
|  |  | 3 | 8 | 7 |  |  |  |
| 8 |  |  | 2 | 6 |  | 1 | 7 |
|  |  |  | 4 |  |  |  | 4 |
|  |  | 2 |  |  |  |  |  |

Sudoku 2 Solution

| $\varepsilon$ | 8 | 9 | 9 | 6 |  |  | $\checkmark$ | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 乙 | 6 | 9 | $L$ | 8 |  |  | 1 | $\varepsilon$ |
| t | $L$ | 1 | $\varepsilon$ | 9 |  |  | 9 | 8 |
| G | 9 | 七 | 乙 | $L$ |  |  | 6 | $\downarrow$ |
| $L$ | し | $\varepsilon$ | 9 | 9 |  |  | 8 | z |
| 8 | 乙 | 6 | $\downarrow$ | † |  | S | $L$ | 9 |
| 9 | † | $L$ | 8 | 乙 |  | 1 | $\varepsilon$ | 6 |
| $\downarrow$ | $\bigcirc$ | 8 | 6 | $\varepsilon$ |  | $L$ | 乙 | t |
| 6 | $\varepsilon$ | 乙 | $t$ | I |  | 8 | 9 | G |

Sudoku 1 Solution

| 6 | $\varepsilon$ | 乙 | $\checkmark$ | 9 | 9 | 8 | $L$ | $\downarrow$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $L$ | 9 | $\downarrow$ | 乙 | 8 | 6 | $\checkmark$ | $\varepsilon$ | ¢ |
| 8 | $\bigcirc$ | t | し | $\varepsilon$ | $L$ | 9 | Z | 6 |
| $\downarrow$ | 乙 | 8 | 9 | 6 | เ | $\varepsilon$ | G | $L$ |
| $\varepsilon$ | 6 | G | $L$ | 乙 | 8 | l | t | 9 |
| 9 | $\dagger$ | $L$ | ¢ | l | $\varepsilon$ | 乙 | 6 | 8 |
| G | $L$ | $\varepsilon$ | 8 | t | 9 | 6 | 1 | 乙 |
| t | l | 9 | 6 | $L$ | 乙 | 9 | 8 | $\varepsilon$ |
| 乙 | 8 | 6 | $\varepsilon$ | G | $\downarrow$ | $L$ | 9 | † |

## Puzzle Page ...

Can you discover the sixteen numbers that match all the clues below? All the numbers are whole numbers. No two numbers are the same and no number has a value less than 1.


1. $\mathrm{A} 1=$ either B 2 plus A 2 or B 2 minus C 2 .
2. A2 =either C 2 divided by B3 or D4 divided by B3.
3. $\mathrm{A} 3=\mathrm{D} 3$ plus A 4 .
4. A4=either C3 minus C2 or C3 plus C2.
5. B1=either A1 minus A2 or A1 minus D1.
6. $\mathrm{B} 2=\mathrm{D} 1$ plus C 2 .
7. $\mathrm{B} 3=\mathrm{a}$ third of C 2 .
8. B4=either A3 minus C4 or A3 plus C4.
9. $\mathrm{C} 1=\mathrm{A} 4$ divided by A2 .
10. $\mathrm{C} 2=$ either 11 or 12 .
11. $\mathrm{C} 3=\mathrm{B} 1$ plus C 4 .
12. $\mathrm{C} 4=\mathrm{a}$ third of A 1 .
13. $\mathrm{D} 1=\mathrm{A} 2$ times D 4 .
14. $\mathrm{D} 2=\mathrm{a}$ third of C 4 .
15. D3=either C1 plus D2 or C1 minus D2.
16. D4=either B3 minus C2 or B3 plus C2

A young man was walking through a supermarket to pick up a few things when he noticed an old lady following him around. Thinking nothing of it, he ignored her and continued on.

Finally he went to the checkout line, but she got in front of him.
"Pardon me," she said, "I'm sorry if my staring at you has made you feel uncomfortable. It's just that you look just like my son, who just died recently."
"I'm very sorry," replied the young man, "is there anything I can do for you?"
"Yes," she said, "As I'm leaving, can you say 'Good bye, Mother'? It would make me feel so much better."
"Sure," answered the young man.
As the old woman was leaving, he called out, "Goodbye, Mother!"

As he stepped up to the checkout counter, he saw that his total was $\$ 127.50$.
"How can that be?" He asked, "I only purchased a few things!"
"Your mother said that you would pay for her," said the clerk.

## Answers to Puzzle






