VOTES ARE IN: Six candidates (one of whom was named Susie) for local mayor of our small town arrived at the polling station to cast their own votes (one arrived at 5:30pm). From the clues provided can you determine the candidate's name, the time he/she arrived and the number of votes he/she received?

CLUES:
The one who arrived latest did not receive the fewest votes.
Susie (the one who received 40 votes), also arrived at least 30 minutes after the one who received 70 votes did.
Alex received more votes than at least 3 others, and also arrived after three others.
Billy arrived at least 1/2 hour before Susie did and received exactly 30 more votes than she did.
Cathy who arrived precisely at 5pm, received more than 50 votes.
The one who arrived at exactly 5:45pm received the most votes.
Neither Robin (who arrived exactly one hour before Susie and received more votes than her), nor Tanya receive more than 50 votes.
step-by-step

• This first clue "The one who arrived latest did not receive the fewest votes."
  We are given the two variables The one who arrived latest (630pm), and the fewest votes (20), therefore we can eliminate the grid square (in column) 20 - 630pm.

• Our next clue is "Susie (the one who received 40 votes), also (arrived at least 30 minutes) after the one who received 70 votes did".
  We are given a solution right away Susie - 40, from which we can make eliminations, beginning with Row Susie - 20, 50, 60, 70, 90, and Column 40 - Alex, Billy, Cathy, Robin, and Tanya. But we are not done with the clue, the last part (... arrived at least 30 minutes) after the one who received 70 votes did."
  which means Susie could not have arrived at 500pm or 515pm, and the one who received 70 votes could not have arrived later than 600pm. We can eliminate from Row Susie - 500pm, 515pm and from Column 70- 630pm.

• The next clue is "Alex received more votes than at least 3 others, and also arrived after three others".
  The first part means Alex did not receive 20, 40 or 50 votes, which leads to the elimination in Row Alex - 20, 40, and 50. And the last part refers to the time of Alex's arrival, if he arrived "after 3 others", he could only have arrived at 545pm, and we are now able to make some eliminations in Row Alex - 5, 515, 530, 600, 630, followed by eliminations in
Column 545 - Billy, Cathy, Robin, Susie, and Tanya. As a consequence of this result we can also apply the following eliminations in Row 545pm - 20, 40, and 50.

- The next clue states "Billy arrived at least 1/2 hour before Susie did and received exactly 30 more votes than she did".

  Begin by eliminating in Row Billy - 515, 630.  
The second part of the clue yields a solution namely, Billy - 70 (which is "... exactly 30 more votes than she ...") (which will lead to the following eliminations), first in Row Billy - 20, 50, 60, and 90 and for Column 70 - Alex, Cathy, Robin, Tanya, 515, and 545.

- Another clue begins: "Cathy who arrived precisely at 5pm, received more than 50 votes."

  Immediately gives the solution Cathy - 500pm, which allows us to begin our eliminations in Column 500pm - Billy, Robin, Tanya.

  (**NOTE** the elimination of Billy - 500, also results in the elimination of 70 - 500 and Susie - 530.)

  Now taking the last part of the clue ("...more than 50 votes."), we can now eliminate from Row Cathy - 20, 50, 515, 530, 600 and 630.

- The Clue: "The one who arrived at exactly 545pm received the most votes".

  Well this one, we know is Alex, so we can fill in the solution Alex - 90, make the eliminations from Column 90 - Cathy, Robin, Tanya, 5pm, 515, 530, 600, and 630pm, then from Row Alex - 60 and 545-60.

  It then reveals the solution Cathy-60, from which we make the eliminations in Column 60 - Robin, Tanya, go to Row 5pm complete the solution 5pm - 60,
make the eliminations 5 pm - 20, 40, and 50, and returning to Column 60 - 515, 530, 600, 630.

• The Last clue "Neither Robin (who arrived exactly one hour before Susie and received more votes than her), nor Tanya receive more than 50 votes.."

We look at our remaining available times for Robin, which are 515, 530, 600, and 630, but she arrived BEFORE Susie, so this eliminates 'ALL' possibilities but 515 and 530, and since there is not a 615 arrival, Robin could have only arrived at 530pm, making Susie's arrival 630pm.

we can now plot these solutions in our grid ( Robin - 530 and Susie - 630 ), which leads to the solution for Billy (which was 1/2 hour BEFORE Susie), so Billy - 600 and these solutions follow by logical deduction : 70 - 600, 40 - 630, and Tanya - 515.

To determine the final vote count we note that :

" Robin ... who arrived... before Susie ... received more vote than her... ",
which means Robin received 50 votes and therefore Tanya could only have received 20.

• Congratulations! Puzzle solved. To summarize:
Alex-90-545pm.
Billy-70-600pm.
Cathy-60-5pm.
Robin-50-530pm.
Susie-40-630pm.
Tanya-20-515pm.