Last week four friends (one of whom was named Bill) went to the pet shop looking for new pets. Each friend chose a different pet (one was a monkey) and each friend gave their pets a different name (one was named Spike).

From the clues provided can you tell which friend bought which pet and the name they gave each of their pets?

**CLUES**

1. Roger's pet was not Wobbles.
2. The girl who named her pet Spike is afraid of snakes.
3. Jan did not name her pet Toto, who is not a dog.
4. Bill purchased a monkey.
5. No pets' name begins with the same letter as its species.
6. The cat was named either Spike or Wobbles.
7. Jan likes the name Wobbles and gave that name to the pet snake she purchased

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<th>at the pet shop</th>
<th>cat</th>
<th>dog</th>
<th>monkey</th>
<th>snake</th>
<th>spike</th>
<th>spot</th>
<th>toto</th>
<th>wobbles</th>
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</tbody>
</table>

(See page 2 below for solution)
Bill - Monkey - Toto
Jen - Snake - Wobbles
Roger - Dog - Spot
Susan - Cat - Spike

step-by-step: (show / hide)

Lets look at the first clue "Roger's pets name was not Wobbles."
Locate the row labeled 'Roger' in the chart and find the column with 'Wobbles'
Now click the grid square [Roger - Wobbles] until the 'red xx' appears.

Lets look at the next clue "The girl who named her pet Spike is afraid of snakes."
The first part of the clue actually tells us that 'no boy' (Bill, Roger) would have named his pet 'Spike', So locate grid squares [Bill - Spike, Roger - Spike] and place a 'red xx' in both.

As for the second part of the clue ("Spike...is afraid of snakes"), we could infer that she would not have named her pet Spike.
(So locate the grid square [Spike - Snake] and place a 'red xx' there).

Lets look at the next clue "Jan did not name her pet Toto who is not a Dog.
The first part here is a simple elimination, so locate grid square [Jan - Toto] and place a 'red xx' there.

Again for the second part ("Toto...is not a dog"), we have the grid square elimination [Toto - Dog] as well.

The next clue "Bill purchased a monkey."
Not difficult at all, simply locate [Bill - Monkey] and place a 'green box' there.

*IMPORTANT:*
(However 'DO NOT' forget to make the following grid square eliminations) :

[Bill - Cat, Bill - Dog, Bill - Snake], as well as
[Jan - Monkey, Roger - Monkey, Susan - Monkey] and throw in grid square
[Spike - Monkey]-- because we know from the previous clue, Bill did not name his pet Spike.

Our next clue is "No pets name begins with the same letter as its species."
Now the only grid square that meets this requirement is "Spot - Snake".
So find [Spot - Snake] and place a 'red xx' in that box.
The very next clue we have is "The Cat was named either Spike or Wobbles."

This merely implies that the cat , was 'NOT' also named either Spot or Toto ,

leading us to the elimination of the grid squares [Spot - Cat, Toto - Cat].

Lets proceed to the last clue "Jan likes the name Wobbles and gave that name to the pet Snake she purchased."
So locate the grid squares [Jan - Snake, Jan - Wobbles, Wobbles - Snake] and fill them all with 'green' boxes.

We also start our grid square eliminations as follows:
Locate (and eliminate) [Jan - Cat, Jan - Dog, Jan - Spike, Jan - Spot],
as well as [Bill - Wobbles, Susan - Wobbles, Roger - Snake, Susan - Snake, Snake - Toto],
and don't forget to eliminate the lower grid squares [Wobbles - Cat, Wobbles - Dog, Wobbles - Monkey].

*NOTE : * (Since we have no remaining clues)
Lets search our grid for more possible 'eliminations-solutions',
The first one is "Susan-Spike", (it is the only remaining grid square in the 'Spike' column).

So after the grid square [Susan-Spike] is filled with a 'green box',
Make the following grid square eliminations: [Susan-Spot, Susan-Toto].

Looking at the bottom grid squares we see in the row labeled 'Toto' there is only one possible solution remaining: 'Toto-Monkey', (which eliminates 'Spot-Monkey'), leaving only 'Spot-Dog' (as a possible solution in the 'Spot' row), (which in turn eliminates 'Spike-Dog'), and leaves 'Cat-Spike' as the last 'pet-name' combo.

Now knowing Susan's pet was named 'Spike' (and that 'Spike is a Cat')
We can conclude: Susan's pet is a 'Cat',
(and after filling the grid square [Susan-Cat] with a 'green box'), we eliminate [Roger-Cat] (and select the solution [Roger-Dog]), and because the dog is named 'Spot', it must also be true that Roger (must have) purchased the dog,
So select grid square [Roger-Spot] and highlight it 'green' (which eliminates [Roger-Toto]), and reveals
the final grid for the puzzle: [Bill-Toto], (and eliminates [Bill-Spot]).
Congratulations! Puzzle solved. To summarize:

Bill chose the monkey and named it Toto.

Jan chose the snake and named it Wobbles.

Roger chose the dog and named it Spot.

Susan chose the cat and named it Spike.