

SOLUTION PAGE

PET SHOP DAYS

Last week four friends (one who was named bill) went to shop looking for new pets. Each friend chose a different pet (one was a cat).From the clues provided can you tell which friend bought which pet?

CLUES:

No one bought a pet that began with the first letter of their name.

The woman who bought the snake is not Susan.

Roger is allergic to cats.

Bill did not purchase a dog or a cat.

PET SHOP DAYS	cat	dog	monkey	snake
Bill				
Jane				
Roger				
Susan				

See page 2 for solution

NAME	PET
Bill	MONKEY
Jane	SNAKE
Roger	DOG
Susan	CAT

STEP-by-STEP

Lets look at the first clue "**No one bought a pet that began with the first letter of their name.**"

Locate Susan in the chart and find the columns with Snake (as this is the only grid square which satisfies the clue)

Now click the grid square[**Susan-Snake**] until the 'red xx' appears.

Lets look at the next clue "**The woman who bought the snake is not Susan.**"

A very careful reading of this clue reveals that if there are two women, and we already know Susan did not buy the snake (from the first clue), then **Jane is the only woman left** -so locate the grid square [**Jane-Snake**] and add a 'check mark' .

(NOTE: This clue now allows us to make some wholesale eliminations of the following grid squares:

[**Jane-Cat, Jane-Dog, Jane-Monkey**] and [**Bill-Snake, Roger-Snake**]- all filled with 'red xx' now.)

The next clue is "**Roger is allergic to cats.**"

A pretty straight forward clue, if Roger is 'allergic to cats', it would be logical to assume he would not purchase one as a pet, therefore lets find the grid square[**Roger-Cat**] and place a 'red xx' there.

Finally lets turn our attention to the last clue: "**Bill did not purchase a dog or a cat.**"

Again a straight forward clue, lets go ahead and eliminate those two grid

squares[**Bill-Dog, Bill-Cat**].

Well, right away it is clear the only possible remaining pet Bill could have bought is the **monkey**.

(So click on [**Bill-Monkey**] and fill the square with a 'check mark'.)

This will allow us to now eliminate two additional grid squares ([**Roger-Monkey, Susan-Monkey**]), and if we have followed our logic correctly , this reveals another singular possible pet selection, namely : **Roger-Dog**' , so that if we select this grid square and make it green, we will then see that the final person-pet combination is **Susan-Cat**'.

One could at this point complete the grid, but since the puzzle is solved, it is not a requirement!

Congratulations! Puzzle solved.

To summarize:

Bill: purchased a monkey as a pet.

Jane: purchased a Snake as a pet.

Roger: purchased a Dog as a pet.

Susan: purchased a Cat as a pet.