The Hidden Paw First 50 Puzzles

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(Sample Puzzles)

Sample Puzzles from The Hidden Paw's First 50 Puzzles
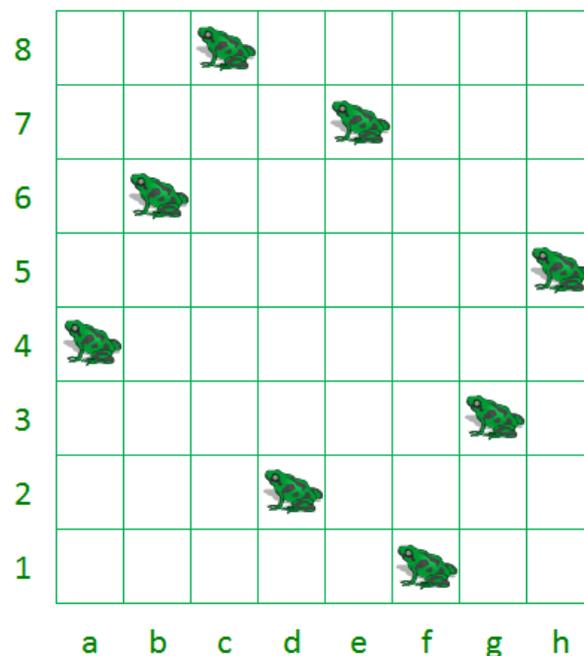
(Solutions are found at the end of this document).

Refer to www.thehiddenpaw.com to read about or purchase this eBook.

Puzzle 27: Dudeney's Jumping Frogs

This puzzle was created by England's H. E. Dudeney in his "The Canterbury Puzzles". It differs in that it starts where the others left of.

(Refer to the Intro to download a printable PDF file containing this puzzle.)

It is true that each frog is in a cell so that there is no other frog in that column nor it that row. More than that, the frogs are on diagonal lines that also do not have other frogs.

The puzzle is this: three of the frogs have to jump from their initial position (as in the diagram) to three vacant cells, again observing the rule that no other frog is in the same row, column or diagonals as the cell where the frog jumped to. Aha, no you cannot get two frogs to exchange positions. The new cells being jumped to must be vacant to start with.

Puzzle 29: The Speed on the Return Trip

I drove my car from my hometown to my university town. My speed was 60 miles per hour. At what speed do I need to drive on the way back so that my total trip average would be 120 miles per hour?
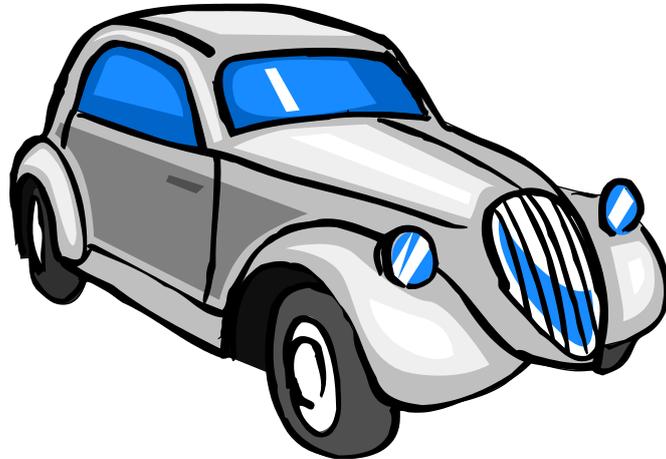
Don't bother saying it is 180 miles per hour. The Hidden Paw's Puzzling Tip 1 would stop you.

Puzzle 48: The Colorful Ladies

It happened one day that Miss Pink, Miss Green and Miss Blue met for lunch. It so happened that they were wearing jackets of three different colors: pink, green and blue.

The lady wearing the blue jacket said: "Isn't it strange that none of us is wearing the color that matches her name?". Miss Green replied: "Yes, that is true".
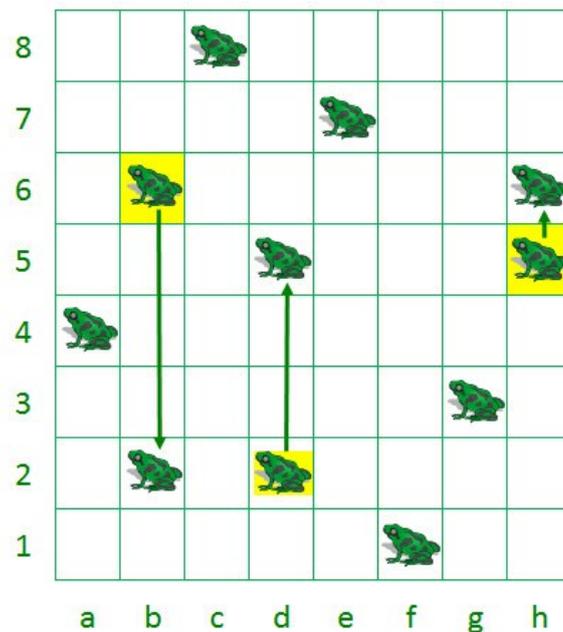
What was the color each lady was wearing?

Solutions

Solution 27: Dudeney's Jumping Frogs

The 3 frogs that can jump are:

1) Frog b6 jumps down to b2
2) Frog h5 jumps up to h6
3) Frog d2 jumps up to d5

The yellow cells are the starting positions of the frogs.

Solution 29: The Speed on the Return Trip

It will simply be impossible to drive fast enough to get the overall average to be double the going average. To double my total trip average I need to travel the whole distance (twice the forward trip) in the same time. I cannot do that since I have already used up that time. I would need to have infinite speed.

Assume that the distance to my university is 60 miles. By driving at 60 mph, I can get there in one hour. To double my rate, I have to drive 120 km in 1 hour. But I would have already used up that hour going to the university so it would be impossible to drive the returning 60 miles in 0 time.

Solution 48: The Colorful Ladies

Miss Green was replying to either Miss Pink or Miss Blue. She could not be replying to Miss Blue since the lady she replied to was wearing a Blue jacket

and we know that no one was wearing their own name's color. Therefore, she was replying to Miss Pink who must be the one who made the first statement. We now know that Miss Pink was wearing a Blue jacket. We are left with Miss Blue and Miss Green who are wearing either a Pink or a Green jacket. Miss Green must be wearing the Pink jacket since she cannot be wearing the Green Jacket. Miss Blue is therefore left wearing the Green jacket.