Subject: Puzzle
Posted by flyingfox on Tue, 19 Apr 2005 17:56:01 GMT
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On my table I have four round cups. Under these cups are a number of balls. The same number of balls are under each cup. But, you don't know what this number is.

I then give you four statements. ONE of these statements is telling the truth. The others are lies.

1/4 ---------   2/3 ------------   2/4 -----------   4/1

Statement 1 says there will be either 1 or 4 balls under each cup. Statement 2 says there are either 2 or 3. Statement 3 says there will be either 2 or 4 balls and the last statement says there will be either 4 or 1 balls.

So, how many balls are under each cup?

Subject: Puzzle
Posted by The Mad Hatter on Tue, 19 Apr 2005 18:38:58 GMT
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None of the statements give you a definite answer do they?

Subject: Puzzle
Posted by Dave Mason on Tue, 19 Apr 2005 18:45:59 GMT
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Four

Subject: Puzzle
Posted by flyingfox on Tue, 19 Apr 2005 18:48:08 GMT
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Well, there "is" a definite answer to the puzzle. I'll tell you later, though

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Subject: Puzzle
Posted by NeoSaber on Tue, 19 Apr 2005 19:33:58 GMT
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3

If only one answer can be right, then the answer can only be a number used once.

If 1 was the number then 2 answers would be true
If 2 was the number then 2 answers would be true
If 4 was the number then 3 answers would be true

At least that's how I see it.

Subject: Puzzle
Posted by bigejoe14 on Tue, 19 Apr 2005 20:24:43 GMT
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That's not really a puzzle. It's more like a guessing game. You gave us answers as to how many are under the cups, but we have no general numbers to go off of.

[EDIT] Nevermind, I kinda see it now. I'll try to figure it out.

Subject: Puzzle
Posted by The Mad Hatter on Tue, 19 Apr 2005 21:32:28 GMT
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Quote:3

If only one answer can be right, then the answer can only be a number used once.

If 1 was the number then 2 answers would be true
If 2 was the number then 2 answers would be true
If 4 was the number then 3 answers would be true

That seems right.

Subject: Puzzle
Posted by flyingfox on Tue, 19 Apr 2005 23:29:50 GMT
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neosaber wins

by the way, how long did it take you to figure that out? I seen it on a program called challenge, but it took me about 10 minutes of thinking.

Subject: Puzzle
Posted by NeoSaber on Wed, 20 Apr 2005 00:21:24 GMT

I figured it out almost as soon as I read it. Seeing the 1/4 and 4/1 was a huge tip off, since they are essentially the same answer. That immediately put my mind in a 'look for duplicates' mode. Took me longer to type out the answer than it did to solve it.

Subject: Puzzle
Posted by ghostSWT on Wed, 20 Apr 2005 03:20:28 GMT

wow took a whole 20 secs to solve,

try this oneQuote:Five women visited the Hats Abound hat shop this afternoon. Each woman was seeking a hat for her husband, to give as either a birthday or an anniversary present. As it happens, each woman's last name was also a color, though not the color of the hat she bought. Determine the full name of each woman, the type of hat each bought, and the color of each hat.

1. Susan didn't buy the cowboy hat but she did buy the gray hat. Sherry bought a green hat. Ms. Gray didn't buy a baseball cap.

2. The woman who bought the white cowboy hat didn't have a last name of Black. Stacy didn't buy a black hat.

3. Sheila, whose last name wasn't Brown, didn't buy the derby. The woman who bought the fedora had a last name of White.

4. Sharon didn't buy the white hat. Stacy didn't buy the beret. Ms. Black didn't buy the baseball cap.

5. The hat that Susan bought wasn't black. The hat that Ms. Black bought wasn't gray.

6. The five women were Sherry, the woman who bought the fedora, the woman who bought the brown hat, the woman who bought the derby, and Ms. Green.

Subject: Puzzle
Posted by Jecht on Wed, 20 Apr 2005 04:04:35 GMT

Notessusan - no cowboy hat, grey, no black
sherry - green, no fedora, no derby
Ms. Gray - no baseball cap
White cowboy hat - not last name Black
Stacy - no Black, no beret
Sheila - lname not brown, no derby
fedora hat - last name white

Sharon - no white hat, no cowboy hat
Ms. Black - no baseball cap, not grey, no cowboy hat

sherry - sherry, green hat,
fedora lady - not sherry, Stacy?, last name White
brown hat - Sharon?, Stacy?, not susan, not sherry, not sheila
derby lady - not Sheila
Ms. Green - not sherry

fedora - grey?, black?, brown? Last name is White
derby - grey?, black?, brown*? susan?
cowboy hat - white
baseball cap - grey?, green?, black?, brown? Not Ms. Grey, susan?
beret - grey?, green?, black?, brown? susan?

susan - Not Ms. Black, grey baseball cap?

Its gettin late, heres the notes of how far i got if you want them.