

Einstein's Zebra Water Puzzle

- | | |
|--|---------------------------------|
| (1) England in Red. | OK. |
| (2) Spain owns Dog. | Ok. |
| (3) Japan is Painter. | Ok. |
| (4) Italy drinks Tea. | Ok. |
| (5) Norway is #1 (on left). | So, #1¬R. |
| (6) Green to right of White. | So, #1¬W & #5¬G. |
| (7) Photographer raises Snails. | So, Jap¬S & Sp¬Ph. |
| (8) Diplomat in Yellow. | So, Eng¬Dip. |
| (9) Milk drunk in #3. | So, It¬#3. |
| (10) Coffee drunk in Green. | So, #3¬G & Eng¬C. |
| (11) Norway next to Blue. | So, #2 is B; #1¬G; #3¬W. |
| (12) Violin drinks OJ. | So, Jap ¬OJ, It¬V, #3¬V. |
| (13) Fox next to MD. | |
| (14) Horse next to Dip. | |

Nation	Job	House#	Color	Pet	Drink
England	¬D		Red		¬C
Spain	¬Ph			Dog	
Japan	Paint			¬S	¬OJ
Italy	¬V	¬#3			Tea
Norway		#1			

Left

House#	Color	Nation	Job	Pet	Drink
#5	¬G				
#4					
#3	¬G,W		¬V		Milk
#2	Blue				
#1	¬R,W,G	Norway			

Right

#1 is Y, #4 is G, #5 is W, #3 is R.
Since #1 is Y; it's Dip, ¬OJ,T,C & ¬S,D.
#2 is H and ¬Sp, ¬Ph.
Since #3 is R, it's Eng, ¬Pt,V & ¬D.
Since #4 is G, it's Coffee.

Nation	Job	House#	Color	Pet	Drink
England	¬V	#3	Red		Milk
Spain	¬Ph			Dog	
Japan	Paint			¬S	¬OJ
Italy	¬V				Tea
Norway	Dip	#1	Yellow	¬S	¬OJ,T,C

House#	Color	Nation	Job	Pet	Drink
#5	White				
#4	Green				Coffee
#3	Red	England	¬V,Pt	¬D	Milk
#2	Blue	¬Sp	¬Ph	Horse	
#1	Yellow	Norway	Diplom	¬S,D	¬OJ,T*

#1 is Water and F,Z; hence: #2&5 is OJ,T.
V is #2,5, It is #2,5, It is ¬V and J is ¬V;
So #2,5 ¬J; hence #4 is Jap,Pt.

House#	Color	Nation	Job	Pet	Drink
#5	White	It,?	V,?		OJ,T
#4	Green	Japan	Paint		Coffee
#3	Red	England		¬D	Milk
#2	Blue	It,¬Sp	V,¬Ph	Horse	OJ,T
#1	Yellow	Norway	Diplom	F,Z	Water

#2¬SP, so it's It,T and #5 is Sp,D and OJ,V.

#2¬Ph; hence is #3 is Photo,Snails and #2 is MD.

Hence Fox is #1, Zebra is #5.

Left

House#	Color	Nation	Job	Pet	Drink
#5	White	Spain	Violin	Dog	OJ
#4	Green	Japan	Paint	Zebra	Coffee
#3	Red	England	Photo	Snails	Milk
#2	Blue	Italy	MD	Horse	Tea
#1	Yellow	Norway	Diplom	Fox	Water

Right

The solution is:

Nation	Job	House#	Color	Pet	Drink
England	Photo	3	Red	Snails	Milk
Spain	Violin	5	White	Dog	OJ
Japan	Paint	4	Green	<u>Zebra</u>	Coffee
Italy	MD	2	Blue	Horse	Tea
Norway	Diplom	1	Yellow	Fox	<u>Water</u>

But!

**Left and right depend upon which way you
are facing.**

**They can be defined as if you are looking
out your front door toward the street or
as if you are looking at your front door
from the street.**

We'll work it both ways.

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| (9) Milk drunk in #3. | So, It¬#3. |
| (10) Coffee drunk in Green. | So, #3¬G, #1¬C, Eng¬C. |
| (11) Norway next to Blue. | So, #2 is B, #1¬W, #3¬G. |
| (12) Violin drinks OJ. | So, Jap¬OJ, It¬V, #3¬V. |
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Nation	Job	House#	Color	Pet	Drink
England	¬D		Red		¬C
Spain				Dog	
Japan	Paint			¬S	¬OJ
Italy	¬V	¬#3			Tea
Norway		#1			

Right

House#	Color	Nation	Job	Pet	Drink
#5	¬W				
#4					
#3	¬G	¬It	¬V		Milk
#2	Blue				
#1	¬R,G,W	Norway			¬C

Left

#1 is Yellow, Diplomat.

So, #1 ¬C, T, OJ; hence #1 is Water.

#2 is Horse, ¬C, ¬Ph

House#	Color	Nation	Job	Pet	Drink
#5	¬W				
#4					
#3	¬G	¬It	¬V		Milk
#2	Blue		¬Ph	Horse	¬C
#1	Yellow	Norway	Diplom		Water

... left as an exercise for the student ...

Right

House#	Color	Nation	Job	Pet	Drink
#5	Green	Japan	Paint	Zebra	Coffee
#4	White	Spain	Violin	Dog	OJ
#3	Red	England	Photo	Snails	Milk
#2	Blue	Italy	MD	Horse	Tea
#1	Yellow	Norway	Diplom	Fox	Water

Left

The solution is:

Nation	Job	House#	Color	Pet	Drink
England	Photo	3	Red	Snails	Milk
Spain	Violin	4	White	Dog	OJ
Japan	Paint	5	Green	<u>Zebra</u>	Coffee
Italy	MD	2	Blue	Horse	Tea
Norway	Diplom	1	Yellow	Fox	<u>Water</u>