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Nationality	Color	Pet	House
American	Green	Cats	House 1
Dane	Blue	Horses	House 2
British	Red	Birds	House 3
German	Yellow	Fish	House 4
Norwegian	White	Dogs	House 5

Answer to Einstein's Riddle

	House	Nation	Smokes	Animal	Drinks
1 st =	YELLOW	Norwegian	Dunhill	Cat	Water
2 nd =	BLUE	Dane	Blend	Horse	Tea
3 rd =	RED	Brit	Pall Mall	Birds	Milk
4 th =	GREEN	German	Prince	Fish	Coffee
5 th =	WHITE	Swede	Bluemaster	Dogs	Beer

The Swede keeps dogs. The Norwegian lives next to the blue house.15. Hints the Brit lives in the red house the Swede keeps dogs as pets the Dane drinks tea the green house is on the left of the white house the green house's owner drinks coffee the person who smokes Pall Mall rears birds the owner of the yellow house smokes Dunhill the man living in the center house drinks milk the Norwegian lives in the first house the man who smokes blends lives next to the one who keeps cats the man who keeps horses lives next to the man who smokes BlueMaster drinks beer the German smokes Prince the Norwegian lives next to the blue house the man who smokes blend has a neighbor who drinks water Einstein wrote this riddle this century. This constraint is trivial to encode because in our representation of a house, the color and the nationality are adjacent. Pet -> "keeps " ... As Daniel White (a student at UPenn) pointed out to me, the encoding of C4 define C4 \$(green ~\$Color white); # The green house is just to the left of the white one. Einstein's Riddle Questions 1. In the white house the Swede drinks beer, smokes BlueMasters, and keeps dogs. Let us construe it as a concatenation of the five terms defined above: define House [Color Nationality Drink Cigarette Pet]; With five variables each taking one of five possible values, this gives quite a number of possible households, 5x5x5x5x5 = 3125, to be exact. The second constraint, The Swede keeps dogs could be represented as \$(Swede Drink Cigarette dogs) but we will choose a less verbose formulation, \$(Swede ~\$Pet dogs), that does not explicitly list the variables that separate Nationality and Pet. Color -> ... The teacher can only answer 'Yes' or 'No'. Don't miss out any sentence, you'll need all 19 sentences to solve Einstein's Riddle!Once the students have written down all 19 sentences, they can now start using the information they have to fill in the table. define Solution [House ~5 & C1 & C2 & C3 & C4 & C5 & C6 & C7 & C8 & C9 & C10 & C11 & C12 & C13 & C14 & C15]; The result is a network with five paths. In that case C4 should be formulated as a disjunction like C10, C14 and C15: define C4 \$(green ~\$Color white) | \$(white ~\$Color green); # The green house is just to the left of the white one. The owner who keeps the horse lives next to the one who plays the piano.13. define C11 \$(horses ~\$Cigarette Dunhill | Dunhill | Dunhill ? Discussion about Orientation But are we sure that this is the only right solution? Advanced embedding details, examples, and help! Einstein's riddle is a challenging detective-style activity where students have to use logic to solve the nationality, pet, drink, color, and hobby of each homeowner. Keep going until all 19 sentences have been read out. The owner living in the center house drinks milk.12. The Dane drinks tea, as \$(red Englishman), Einstein's Riddle Answers 1. Try the alternative formulations of C4 and see if they make a difference for the solution for the puzzle: Who keeps fish?" Another option is to give up the idea of a fixed orientation. Encourage students to discuss things in English.Teaching Tips for Einstein's RiddleIt is a good idea to try to solve the riddle yourself before class. If all goes well, at the end we will know who keeps fish. define C13 \$(German ~\$Cigarette Prince); # The German smokes Prince. These five owners drink a certain type of beverage, smoke a certain brand of cigar and keep a certain pet. This is a simple constraint satisfaction problem. Let us start by defining a regular language that consists of all the possible solutions for the puzzle. It sounds easy, but Einstein's Riddle will require thinking and working together to find the answer; perfect for English communication and speaking practice for teenagers and speaking practice for adults. define C15 \$(Blend ~\$Drink water | water ? ~\$Pet cats | cats ~\$Cigarette Blend); # The Blend smoker has a neighbor who keeps cats. There are 25 boxes to fill in and it isn't easy at all!Call a student to the front of the class and give them one of the sentence strips. Drink -> "drinks " ... What is left unspecified is the orientation of the observer. define C3 \$(Dane tea); # The Dane drinks tea. ~\$Cigarette Blend); # The Blend smoker has a neighbor who drinks water. The Pall Mall smoker keeps birds. What if we flip our orientation? assumes that we are looking at the houses from the other side of the road. Variations of this riddle appear on the net from time to time. The Blend smoker has a neighbor who keeps cats. Describe); 76 states, 75 arcs, 1 path. The Blend smoker has a neighbor who drinks water. Keep these together with a paper clip or in an envelope and bring to your class.In class, give one information gap sheet to each student. "house " .o. Ask the student to read the sentence a few times, so that everyone writes down the sentence correctly.Choose a new student to come to the front to read out the next sentence. The man in the center house drinks milk. # This program is distributed in the hope that it will be useful, # but WITHOUT ANY WARRANTY; without even the implied warranty of # MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the # GNU General Public License for more details. He said that 98% of the world could not solve it. xist[2]: print lower-words In the yellow house the Norwegian drinks water, smokes Dunhills, and keeps cats. define C7 \$(yellow ~\$Cigarette Dunhill); # The owner of the yellow house smokes Dunhills. The German smokes Prince. The Norwegian lives next to the blue house. Let us assume that there are five houses of different colors next to each other on the same road. Because of its difficulty, we have provided answers to Einstein's riddle below. Photo copy the first page with the table and the houses. regex [Solution .o. Nationality -> "the " ... Wherever this comes from, it is a nice riddle. In the red house the Englishman drinks milk, smokes PallMalls, and keeps birds. It is sometimes attributed to Albert Einstein and it is claimed that 98% of the people are incapable of solving it. No houses are facing each other from the opposite sides of the road. ". "] ; We can now see the solution. The man who smokes Blue Masters drinks beer. The class have 20 questions to guess who is in the envelope. The class will be ready and keen to try the puzzle. Would that scenario produce a different outcome for C4? This is excellent speaking practice for clear pronunciation, but especially listening. This should be aimed at teenagers and older.As a good and effective lead-in for this class, you can get a photo of Albert Einstein and put it in an envelope. The owner of the yellow house smokes Dunhills. No owners have the same pet, smoke the same brand of cigar or drink the same beverage. define C8 [House ~2 ~\$Drink milk ~\$Drink House ~2]; # The man in the center house drinks milk. The solution below is almost correct. The interpretation of left and right depends on the orientation of the observer. In that case, the encoding of C4 should be define C4 \$(white ~\$Color green); # The green house is just to the left of the white one. Let it be replaced by the orientation of an observer moving along the road with houses on both sides of the road. In each house lives a man of a different nationality. All that we need to do to solve the problem is to impose the constraints on the row of five houses by intersection. define C9 [? With C16 added, only one solution remains. In four of the solutions nobody keeps fish and the German keeps the same kind of pet as someone else. define C2 \$(Swede ~\$Pet dogs); # The Swede keeps dogs. The vocabulary involved isn't too difficult, so students can focus on improving spoken fluency, tune their listening skills, as well and learn a few new words and think critically. But if you're brave enough, you can give it a shot with just the clues. For example, we can interpret The Englishman lives in the red house. To make it easier to see, we compose the solution with the transducer that adds some prose around the pieces along the one remaining path: define Describe [House -> "In the " ... Swedish, White, Dogs, Beer, Violin Related Einstein Riddle Worksheets If you need more Einstein's Riddle type of worksheets, see our free printable activity sheets below. But what if we are undecided about the orientation, allowing either one of the two possibilities? Eventually, it made its way as a head-scratcher activity that even challenges your brightest students. Assuming that the road runs North-South and the observer is traveling northward, left means 'west' and right means 'east,' the opposite if the observer is traveling southward. The green house is on the immediate left of the white house.14. # Copyright (C) 2004 Lauri Karttunen # This program is free software; you can redistribute it and/or modify # it under the terms of GNU General Public License as published by # the Free Software Foundation; either version 2 of the License, or # (at your option) any later version. It is not likely that there is any truth to these stories. .o. This is an excellent English lesson plan for teens and adults, which requires just a few photocopies and some cutting.What to DoClick on the link above to download the free Einstein's Riddle worksheets, there are two pages. define C14 \$(Norwegian ~\$Color blue | blue ? The British man lives in the red house.2. The Swedish man keeps dogs as pets.3. The Danish man drinks tea.4. The German plays soccer.5. The green house's owner drinks coffee.6. The owner who plays baseball has birds.7. The owner who plays basketball lives next to the one who keeps cats.8. The Norwegian lives in the first house.9. The owner who plays the violin drinks beer.10. The question is: Who owns the fish? In the blue house the Dane drinks tea, smokes Blends, and keeps horses. German, Green, Fish, Coffee, Soccer5. This will give you a good idea about the difficulty, but also how to solve Einstein's Riddle so you can help the students if they find it impossible.Although the language isn't too difficult, don't throw this class at young children, they will never be able to solve it and will lose motivation. Every man has his favorite drink, his favorite brand of cigarettes, and keeps pets of a particular kind. The green house is just to the left of the white one. Walk around the class lending help and support where needed. The solution [Back] Want more? The Norwegian lives in the first house. The free Einstein's Riddle ESL worksheet can be downloaded using the link above.Print one copy of the second page with the information about the houses. define C6 \$(PallMall birds); # The Pall Mall smoker keeps birds. ~\$Pet horses); # The man who keeps horses lives next to the Dunhill smoker. The owner of the green house drinks coffee. Using scissors or a guillotine, cut up the sentences into strips. The owner who plays basketball lives next to the one who drinks water. Have fun!If you find that you have time spare at the end of the class, have your ESL students design their own Einstein's Riddle! Instead of using house colour, drinks, exercise, etc, your students can have different information such as jobs, favourite holiday spots, food, whatever. " " .o. Some commentators suggest that Einstein created such puzzles not to test out intelligence but to get rid of all the students who wanted him as an advisor. In short, it's the German who keeps fish. In each house lives a person with a different nationality. British, Red, Birds, Milk Baseball4. Danish, Blue, Horse, Tea, Basketball3. Cigarette -> "smokes "... Again, the other students should write down the sentence they hear. Make enough photocopies for all of your students, always print one or two extra just in case you have a new student or someone messes up and needs a new one. We define each variable as the language of the possible values of the variable. define Color [blue | green | red | white | yellow]; define Nationality [Dane | Englishman | German | Swede | Norwegian]; style="font-weight: bold;"> define Drink [beer | coffee | milk | tea | water]; define Cigarette [Blend | BlueMaster | Dunhill | PallMall | Prince]; define Pet [birds | cats | dogs | fish | horses]; The next concept to define is that of a House. define C12 \$(beer BlueMaster); # The man who smokes Blue Masters drinks beer. Explain to the students that Einstein made a puzzle whereby people have to work out the colour of five different houses, the nationality of the families living in each house, what they like to drink, how they like to exercise and keep fit, and finally, the pets in each house. It's believed that at a young age, Albert Einstein created this riddle. The Englishman lives in the red house. define C1 \$(red Englishman); # The Englishman lives in the red house. A road with five houses next to each other, House^5, provides an astronomical number of possible combinations of colors, nationalities, drinks, cigarettes and pets. define C10 \$(Blend ? " " .o. Norwegian ?*]; # The Norwegian lives in the first house. In the green house the German drinks coffee, smokes Princes, and keeps fish. The fifteen constraints are shown below. We need five basic variables: Color of the house, Nationality of the owner, and his favorite Drink, Cigarette, and Pet. define C5 \$(green ~\$Drink coffee); # The owner of the green house drinks coffee. Norwegian, Yellow, Cat, Water, Piano2. The man who keeps horses lives next to the Dunhill smoker. ~\$Nationality Norwegian]; # The Norwegian lives next to the blue house. define C4 \$(green ~\$Color white); # The green house is just to the left of the white one. To solve Einstein's puzzle, we represent each of the fifteen constraints as a regular language and intersect these languages with the initial set of all possibilities. The student should read out the sentence and the other students should listen carefully and write down the sentence in their notebooks. "s, and " .o. Have your students first fill in the table and then write their own clues! There are 5 houses in five different colors. The conception of a row of houses, House^5, assumes that the five houses are located side by side along a road. The question to be answered is: Who keeps fish? We need one final constraint, presupposed by the question Who keeps fish?: define C16 \$(fish; # There is someone who keeps fish. There should be 19 sentences and you'll need each sentence to solve the puzzle. At the end of the game, show the picture of Einstein and ask your teen and adult ESL students what they know about Einstein. Assuming that the houses are all on the same side of the road, are we on the side of the houses facing the road or on the opposite side facing the row of houses? The owner of the yellow house plays the piano.11. Maybe you'll learn something about him you didn't know before! At this point, tell the class that he made a puzzle called Einstein's Riddle and that you'll be doing it today.

The 1987 FA Cup Final was an association football match between Coventry City and Tottenham Hotspur on 16 May 1987 at Wembley Stadium in London to determine the winner of the 1986–87 FA Cup.It was the third final for Tottenham Hotspur in seven years and Coventry's first domestic cup final. Both clubs recorded songs to commemorate reaching the final. ... 2 dni temu · Deidra of the four sisters riddle answer egf eg aaa hqo cdfg cdd jw eg aaaa bbba ea fhfc lai itq gnpb bc cd cdbc cdfg dfec bccb de kahj aaa bb aa cdc ia ab de ggo. Scroll to top Русский Корабль -Иди НАХВИ! ... Due to a planned power outage on Friday, 1/14, between 8am-1pm PST, some services may be impacted. Xavier Riddle and the Secret Museum is an animated children's television series that premiered on November 12, 2019, on PBS Kids. The series is produced by 9 Story Media Group.It is based on the children's book series written by Brad Meltzer and Chris Eliopoulos, named Ordinary People Change the World. The series involves Xavier Riddle with his sister Yadina, and their friends ... 12.01.2011 · Even for a eulogy, you have to admit that's a ridiculous level of praise – or so it seems at first. Born the son of an uneducated farmer, Newton died a true polymath – a celebrated master of astronomy, chemistry, mathematics, physics and theology.His endless curiosity led him to tackle problems as minuscule as rug-peeking cats and as grandiose as humanity's ultimate ... Subaru's EE20 engine was a 2.0-litre horizontally-opposed (or 'boxer') four-cylinder turbo-diesel engine. For Australia, the EE20 diesel engine was first offered in the Subaru BR Outback in 2009 and subsequently powered the Subaru SH Forester, SJ Forester and BS Outback. The EE20 diesel engine underwent substantial changes in 2014 to comply with Euro 6 emissions standards - ...

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