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## Deductive reasoning worksheets

In order to continue to enjoy our site, we ask you to confirm your identity as a person. Thank you very much for your cooperation. In order to continue to enjoy our site, we ask you to confirm your identity as a person. Thank you very much for your cooperation. Curated and reviewed by Planet Lessons In this deductive reasoning learning exercise, students solve ten different problems by applying deductive reasoning to each of them. First, they will determine whether a valid conclusion can be reached from each of the 2 true statements made using the Law of Syllogism. Students will then determine whether Declarations 3 results from statements 1 and 2 in each of them under the Department Act or the Law of Syllogism. deductive reasoning, conclusions, law of syllogism, patterns This resource is only available on unencrypted http websites. It should be fine for general use, but don't use it to share any personally identifiable information Save time and discover engaging outlines for your class. Reviews and ratings by trusted, trusted teachers. Try this free deductive reasoning puzzles worksheets throughCale problem solving worksheets for adults through printing logical puzzles via Web the site consists of some people who are very admiring the creativity of each of them, without exception. For this reason, we make sure to keep the original images without any changes, including the watermark. We also make sure to include the owner's link where we found it, under each picture. We received many reports of the right law associated with the photos in our gallery. In case you need to make sure of your right, please contact the website for each image because we are unable to determine what your right is. Always remember, no watermark means that images are able to use freely without permission. The information, names, images and video detail provided are the property of their respective owners & source. Issue 1 : Sketch the next picture in the pattern. Problem 2 :D writes a pattern in the order of numbers. Predict the next number. 1, 4, 16, 64, ..... Problem 3 : Let p's value x be -5 and let q be the absolute value of x is 5. (i) Type p -&gt; q in words. (ii) Type q -&gt; p in words. (iii) Decide whether the two-unconditional command p &lt;-&gt; q is true. Issue 4 :Indicate whether the argument is valid. Michael knows that if he misses practice the day before the game, then he won't be the starting player in the game. Michael missing practice on Tuesday concludes that he will not be able to start the game on Wednesday. Issue 5 : Write some conditional statements that can be made from the following true statements using the Syllogism Act.1. If a bird is the fastest bird on land, then it is the largest of all birds.2. If the bird is the largest of all birds, then it is an ostrich.3. If the bird is a hummingbird, then it is the smallest of all birds.4. If the bird is the largest of all birds, then it is non-letty.5. If the bird is the smallest bird, then it has a nest the size of a walnut half-shell. Detailed problem with answer key 1: Sketch the next image in the sample. Solution : Each character in the pattern looks like the previous image with another row of squares added to the bottom. Every character looks like a staircase. So, the sixth figure in the pattern must have six squares in the bottom row. Problem 2 :D writes a pattern in the order of numbers. Predict the next number. 1, 4, 16, 64, ..... Solution : Each number is four times the previous number. So the next number is 256.Problem 3 : Let p be the value of x is -5 and let q be the absolute value x is 5. (i) Type p -&gt; q in words. (ii) Type q -&gt; p in words. (iii) Decide whether the two-unconditional command p &lt;-&gt; q is true. Solution : (i) If the value is x -5, then the absolute value is x 5. (ii) If the absolute value is x5, then the value x -5. iii) The conditional statement is partially and true, but its conversion in part (b) is false. So the two-base command p &lt;-&gt; q is false. Issue 4 :Indicate whether the argument is valid. Michael knows that if he misses practice the day before the game, then he won't be the starting player in the game. Michael is missing practice on Tuesday, so he concludes he won't be able to start in Wednesday's game. Solution : This logical argument is a valid application of the detachment law. It is stated that both the command (p -&gt; q) and its hypothesis (p) are true. So it is valid for Michael to conclude that the conclusion is true. Issue 5 : Write some conditional statements that can be made from the following true statements using the Law of Syllogism.1. If a bird is the fastest bird on land, then it is the largest of all birds.2. If the bird is the largest of all birds, then it is an ostrich.3. If the bird is a hummingbird, then it is the smallest of all birds.4. If the bird is the largest of all birds, then it is non-letty.5. If the bird is the smallest bird, then it has a nest the size of a walnut half-shell. Solution :Here are the conditional orders that use Syllogism.a. If a bird is the fastest bird on earth, it's an ostrich. (Use 1 and 2.) B. If the bird is a hummingbird, then it has a nest the size of a walnut half-shell. (Use 3 and 5.) c. If the bird is the fastest bird on earth, then it is non-letty. (Use 1 and 4.) Except above, if you need any other things in math, please use our google custom search here. If you have any comments about our mathematical content, please write to us: v4formath@gmail.com We always appreciate your feedback. You can also visit the following websites about different things in mathematics. WORD PROBLEMSHCF and LCM word problemsSpeak problems on simple equations Word problems on linear equations Problems with word on quadratic equationsAlgebra problems Verbal problems Problems on trainsArea and circuit problemsSlova problems with direct variation and inverse variant Problems with word on unit priceLamnice problems with unit rates Word problems on rate comparisonConding usual units word problems Conversion of metric units word problemsSlovo problems to simple interest problemsWord to compound interestTime problems at types of angles Complementary and complementary angles word problemsble facts word problemsTrigonometry problems with wordProcent of word problems Problems with loss and loss of words Problems with word Markup and markdown Problems with word Problems with textSuding problems Adding words on mixed fractionsOne step equation word problemsLinear inequality word problemsSlovo and ratio of problems with wordTime and working word problemsWord problems on sets and venn diagramsWorsts problems on agesPythagorean sentence word problemsProcent of a number of problems wordWord problems at constant speedSythem text problems on the sum of triangle angles is 180 degreesO OTHER TOPICS GAIN and lossy abbreviationsSelectrics Functions Shortcuts Times table Times, shortcuts speed and distanceRatio and proportional abbreviationsDomain and the range of rational functionsDomain and a number of rational functions with holesEathing rational functionsEath functionsGround functions with holesContracting repeating decimal places to fractionsDecimal representation of rational numbersRestriction by long division. C.M method of solving time and work problemsSize text problems in a text fraction to algebraic expressionsDecision when 2 power 256 is divided by 17Diction, when 17 square 23 is divided by 16Sum of all three digit numbers divisible by 6Sum from all three numbers divisible by 7Sum from all three numbers divisible by 8Sum from all three numbers created using 1, 3, 4Sum all three four-digit numbers created with non-zero digitsSum of all three four-digit numbers created using 0 , 1, 2, 3Sum all three four-digit numbers created using 1, 2, 5, 6 copyright onlinemath4all.com SBI! Note: Affiliate links are included in this post One of the biggest parts about kids growing up is their ability to start thinking. It obviously starts at a very early age, and is amazing to recognize. Both my kids love logic puzzles, I started every day off with a puzzle printed and placed on the table. It was a great way to start every day keep them plugged in. I started free site and wanted to share them with you, my colleague Mommas. Here are some good sites, free Printable Logic and Critical Thinking: 20Q-It's really not a good place to get printables, but my kids love it. If you've ever needed to keep kids busy in the car, this is the website for you. Users put in their age, male or female and then think the object (you can choose between animals, mineral, vegetable, concept or unknown) and they computer asks 20 questions and sees if it can guess. There are also special modes that you can choose Star Wars, Disney, Marvel and more. (LOTS and lots of fun) Printable Logic Puzzles-This website has hundreds of you guessed printing logic puzzles. from simple to extremely heavy. Tests, tests, tests-My kids fell in love with the game Are You As Smart As a 5th Grader, and they were thrilled when I printed the test. It has everything from cats to what Halloween Candy suits your personality. 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