**Conditional Statement - TEST**

|  |  |
| --- | --- |
| **1.** | **Which of the following is a conditional statement?** |
|   | Začátek formulářeAmy plays soccer or Bill plays hockey.Bill plays hockey when Amy plays soccer.If Amy plays soccer then Bill plays hockey.None of the above. RESULTS BOX: Konec formuláře |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **2.** |

|  |  |
| --- | --- |
| **Given:** | **r: You give me twenty dollars.** |
| **s: I will be your best friend.** |
| **Problem:** | **Which of the following statements represents, "If you give me twenty dollars, then I will be your best friend"?** |

 |
|   | Začátek formulářerhttps://www.mathgoodies.com/sites/all/modules/custom/lessons/images/symbolic_logic/images/and.gifsrhttps://www.mathgoodies.com/sites/all/modules/custom/lessons/images/symbolic_logic/images/conditional_transp.gifsshttps://www.mathgoodies.com/sites/all/modules/custom/lessons/images/symbolic_logic/images/conditional_transp.gifrNone of the above. RESULTS BOX: Konec formuláře |

|  |  |
| --- | --- |
| **3.** | **What is the truth value of r**https://www.mathgoodies.com/sites/all/modules/custom/lessons/images/symbolic_logic/images/conditional_transp.gif**s when the hypothesis is false and the conclusion is true in Example 2?** |
|   | Začátek formulářeTrueFalseNot enough information was given.None of the above. RESULTS BOX: Konec formuláře |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4.** |

|  |  |
| --- | --- |
| **Given:** | **a: x is prime.** |
| **b: x is odd.** |
| **Problem:** | **What is the truth value of a**https://www.mathgoodies.com/sites/all/modules/custom/lessons/images/symbolic_logic/images/conditional_transp.gif**b when x = 2?** |

 |
|   | Začátek formulářeTrueFalseNot enough information was given.None of the above. RESULTS BOX:    Konec formuláře |

|  |  |
| --- | --- |
| **5.** | **What is the truth value of a**https://www.mathgoodies.com/sites/all/modules/custom/lessons/images/symbolic_logic/images/conditional_transp.gif**b when x = 9 in Exercise 4?** |
|   | Začátek formulářeTrueFalseNot enough information was given.None of the above. RESULTS BOX:    Konec formuláře |