

1. Ryan, Sondra, and Tabitha took a test, and one of them failed the test while the other two passed. They made these statements:

Ryan: "I passed the test. Sondra passed the test."

Sondra: "Ryan passed the test. Tabitha failed the test."

Tabitha: "Ryan failed the test. I passed the test."

One of these students made two true statements, a second made two false statements, and the third made one true and one false statement.

Who failed the test?

Answer: Ryan

2. Four playing cards, one of each suit (a heart(red), a diamond(red), a spade(black), and a club(black)), lie in a row on a table. They are a Jack, a Queen, a King, and an Ace. Using these clues, can you determine the cards and their order?

- Neither the Queen nor the King is a heart.
- The spade is not next to a red card.
- The Jack is somewhere to the right of the diamond.
- The two cards on either side of the Queen are different colors.
- The rightmost card is the Ace.

