



## Problem of the Week

### Problem C

#### Order Three Cards

Three playing cards are placed in a row, from left to right. Each card is of a different suit. One card is a diamond ( $\diamond$ ), one card is a heart ( $\heartsuit$ ), and one card is a spade ( $\spadesuit$ ). The number on each card is also different. One card is a 3, one card is a 7, and one card is a 9.

Using the following clues, determine the exact order of the cards, from left to right, including the suit and number.

1. The diamond is somewhere to the right of the spade.
2. The 7 is somewhere to the left of the spade.
3. The 9 is somewhere to the right of the 3.

