

## Puzzle Set 4: Class Choice

1. Steven used to work for the local software firm, but was fired after his volatile temper got the best of him one too many times. One night Steven broke down the firm's door with an axe, charged into the building and proceeded to spray water on everything in sight, destroying thousands of dollars worth of cutting-edge technology. The next day, he was given his job back. Why?
2. The moon nine days old; The next sign to cancer; Pat, rat without a tail; And now, sir, for your answer.
3. A man wanted to enter an exclusive club but did not know the password that was required. He waited by the door and listened. A club member knocked on the door and the doorman said "twelve." The member replied "six" and was let in. A second member came to the door and the doorman said "six." The member replied "three" and was let in. The man thought he had heard enough and walked up to the door. The doorman said "ten" and the man replied "five." but he was not let in. What should have he said?
4. A man was at a bar feeling poor he sees a rich man take 50's out his pocket to pay the cashier. The poor man says to the rich man "I know all the songs known to man." The rich man laughed and said, "I bet you all the money in my pocket that you can't sing a song with my daughter's name in it, Sarah Lee Greyson." The poor man went home rich and the rich man went home poor. What song did the man sing?
5. You're in a mansion and the power's out. You see a green door and a red door. Pick one (it doesn't matter which.) Now you see a purple door and an orange door. Pick one (again, it doesn't matter which you pick). Now you see a door with a golden handle and a door with a silver handle. Pick one. You finally come to some signs on three doors. One says "Death from drowning," another says "Death from machine guns," and the last one says "Death from electric chair." Then you see a big sign off to the side that says "Or stay in the mansion and starve to death." What do you choose and still live?
6. What is the end of time and the beginning of eternity?
7. It goes up but at the same time goes down. Up toward the sky and down toward the ground. It's present tense and past tense too; come for a ride just me and you. What is it?
8. The Hardest Logic Problem in the World (Allegedly). Three gods A, B, and C are called, in no particular order, True, False, and Random. True always speaks truly, False always speaks falsely, but whether Random speaks truly or falsely is a completely random matter. Your task is to determine the identities of A, B, and C by asking three yes-no questions; each question must be put to exactly one god. The gods understand English, but will answer all questions in their own language, in which the words for yes and no are 'da' and 'ja', in some order. You do not know which word means which.