



Math Mole

June 13, 2007

Wednesday?

Volume 1, No. 3

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Quote: *Science is the systematic classification of experience.*

—George Henry Lewes, English writer and critic

Puzzle:

Three guys went to a hotel manager for a room. The manager said a room would be \$30. They each paid \$10. The bellman took their luggage up to their room, but when he came back down the manager told him that he charged \$5 extra for the room and take \$5 back to the guys. The bellman was mad though because the guys didn't tip him so he took \$2 and gave the men \$3 back. So each man ended up paying \$9 for the room. So they paid \$27 for the room plus \$2 for a tip, but that only adds up to \$29.

Where did the missing dollar go?

Kakuro/Cross Sum: On the back is a Kauro/Cross Sum which is a Sudoku-like puzzle (except much better I think). At the top or left of each set of squares is a total and your goal is to fill in the squares from the numbers 1 through 9, with no repeats, so that the sum of the numbers equals the total.

Mathematician of the Day



Kurt Gödel, Austria-Hungary, 1906-1978

- He was born April 28, 1906 in Brno, Austria-Hungary.
- By the end of high school, he had mastered university-level mathematics.
- Like Einstein, Gödel immigrated to the United States after the rise of the Nazi party and became a U.S. citizen. He was also a friend of Einstein's while at Princeton's Institute for Advanced Study.
- He is best known for his "Incompleteness Theorem" which basically says that for any axiomatic system there are still statements that cannot be proved or disproved. This denied the efforts of the time to systematize mathematics completely.
- Gödel was of a delicate mental disposition; he suffered a number of nervous breakdowns in his lifetime. Towards the end of his life, he became convinced that he was being poisoned, and by refusing to eat to avoid being poisoned, he essentially starved himself to death.

Info From: <http://www-history.mcs.st-andrews.ac.uk/Mathematicians/Gauss.html>