## Midterm 2


"Hardest" Question: Prove " $(\mathrm{P}=\mathrm{NP})$ or $(\mathrm{P} \neq \mathrm{NP})$ "
(Only 13 out of 32 answered correctly.)

Top 5 incorrect answers:
5. If $\mathrm{N}=1$ or $\mathrm{P}=0$, then $\mathrm{P}=\mathrm{NP}$. ( 5 responses)
4. Oh, I left my solution at home. Will give it to you tomorrow :-)
3. There is a great proof, but unfortunately the space provided is too small. ( 3 responses)
2. I plan to take the million dollars rather than 5 points! (2 responses)

1. If $\mathrm{P}=\mathrm{NP}, \ldots$ (then) I'm sure that this has some sort of implication I don't want to think about. Therefore, $\mathrm{P} \neq \mathrm{NP}$.
