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| NAME: Tiger Kong | DATE: Oct 23 2016 |
| TOPIC FOR MATHEMATICAL EXPLORATION:  100 Prisoners problem | |
| WHY DID YOU CHOOSE THIS TOPIC?  Saw it on a ted talk once, and I like riddles and puzzles, so I chose it. | |
| IS THERE A HISTORICAL/GLOBAL PERSPECTIVE THAT RELATES TO YOUR TOPIC?  The 100 prisoners’ problem inspired many other problems that followed, including the Monty Hall problem, and the prisoner’s dilemma. | |
| OUTLINE THE MATHEMATICS THAT YOU EXPECT TO BE INVOLVED WITH THIS EXPLORATION.:  Graph theory, permutations, and asymptotic functions, as well as some integration for alternative solutions to the problem. | |
| TEACHER COMMENTS: | |