

Algebra Essentials and Applications Internet Activity

ME1 Doubling Investigations

1. For the chessboard problem, find the total number of grains of rice on the first 20 squares of the chessboard.

2. Of the solutions to the Apartment Complex problem shown on the Math Forum page, which do you think is the best solution? Explain your choice.

3. Describe another situation, from your own experience or your imagination, where some quantity is repeatedly doubled. Discuss the consequences of repeated doubling in this situation.
