

Algebra II

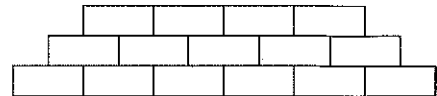
Setting Pavers

Name _____

Hour _____

Problem 1 – Setting Pavers

You are setting pavers in a court yard according to the pattern shown. How many pavers will there be in the 50th row?



- 1) Create a table showing the first five rows.
- 2) Write a function to model for this situation.
- 3) For the given situation state the domain of the function. Explain.
- 4) Based on your table write a sequence for the first ten rows of the pavers.
- 5) Write an explicit model for this sequence where n stands for the row number.
- 6) Write a recursive model for this sequence where n stands for the row number.