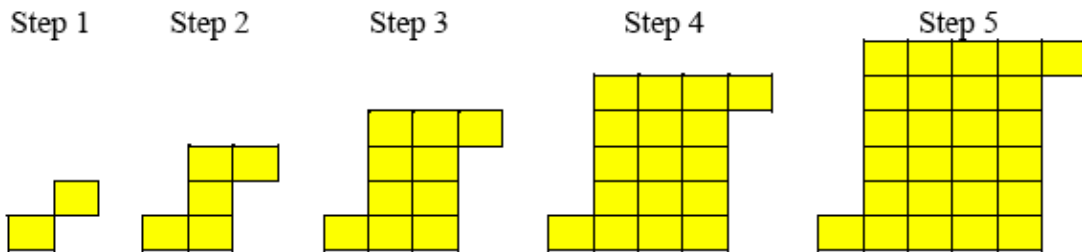


S – pattern



1. On graph paper, draw a sketch of steps 6 and 7 for the S-Pattern.
2. How many squares would be in Step 9 of the S-Pattern? Show and explain how you determined the total.
3. Find a different way to show and explain how to get the total squares for Step 9? Use this new way to determine the total squares for Step 17.
4. Write a rule that relates the step number to the total number of squares in the S-Pattern.