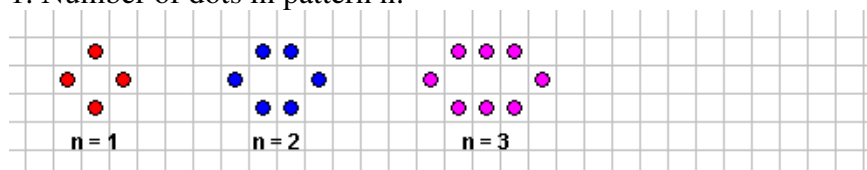
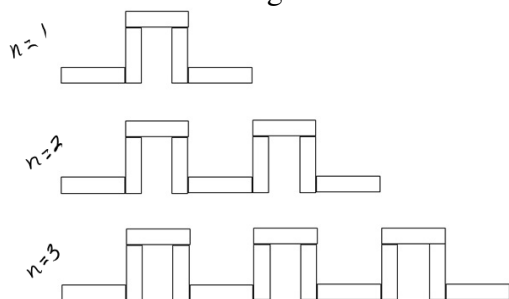


For each of the patterns below, draw the next thing in the pattern (show the visual pattern), find the function pattern for it (algebraic), and explain how the visual pattern explains the algebraic pattern.

1. Number of dots in pattern n:



2. Number of rectangles/blocks needed to make pattern n:



3. Number of squares to make pattern n:

