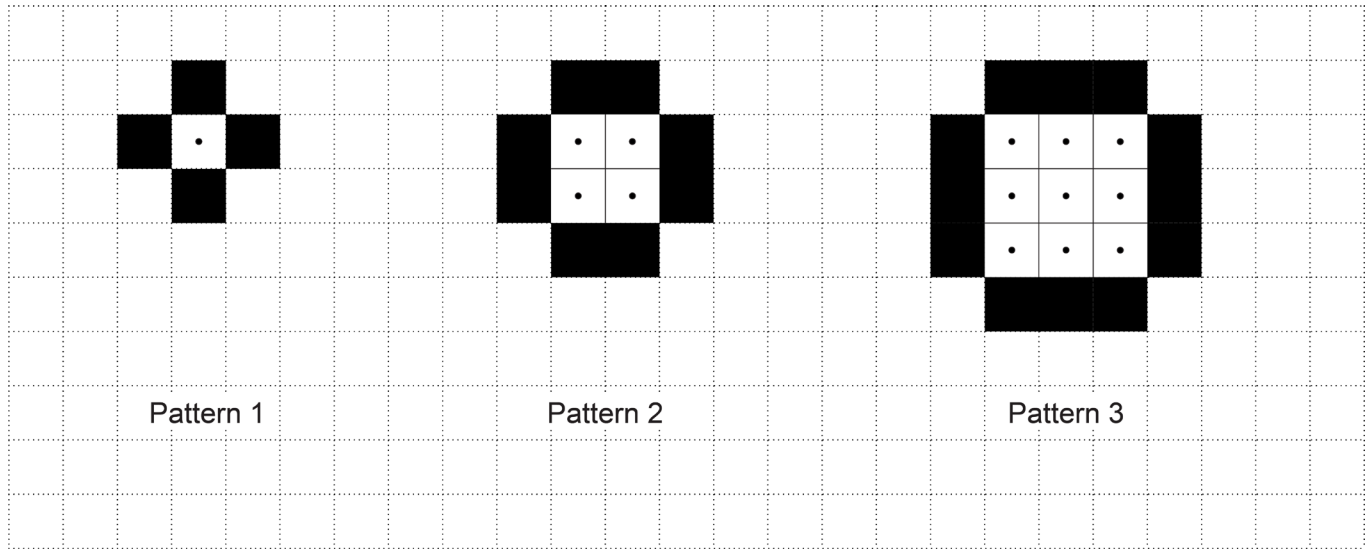


12 Here are the first three patterns in a sequence.



(a) Draw Pattern 4 in this sequence on the grid below.



[2]

(b) Pattern 3 has 9 dotted squares and 12 black squares.

How many **dotted** squares will there be in Pattern 8?

(b) [2]