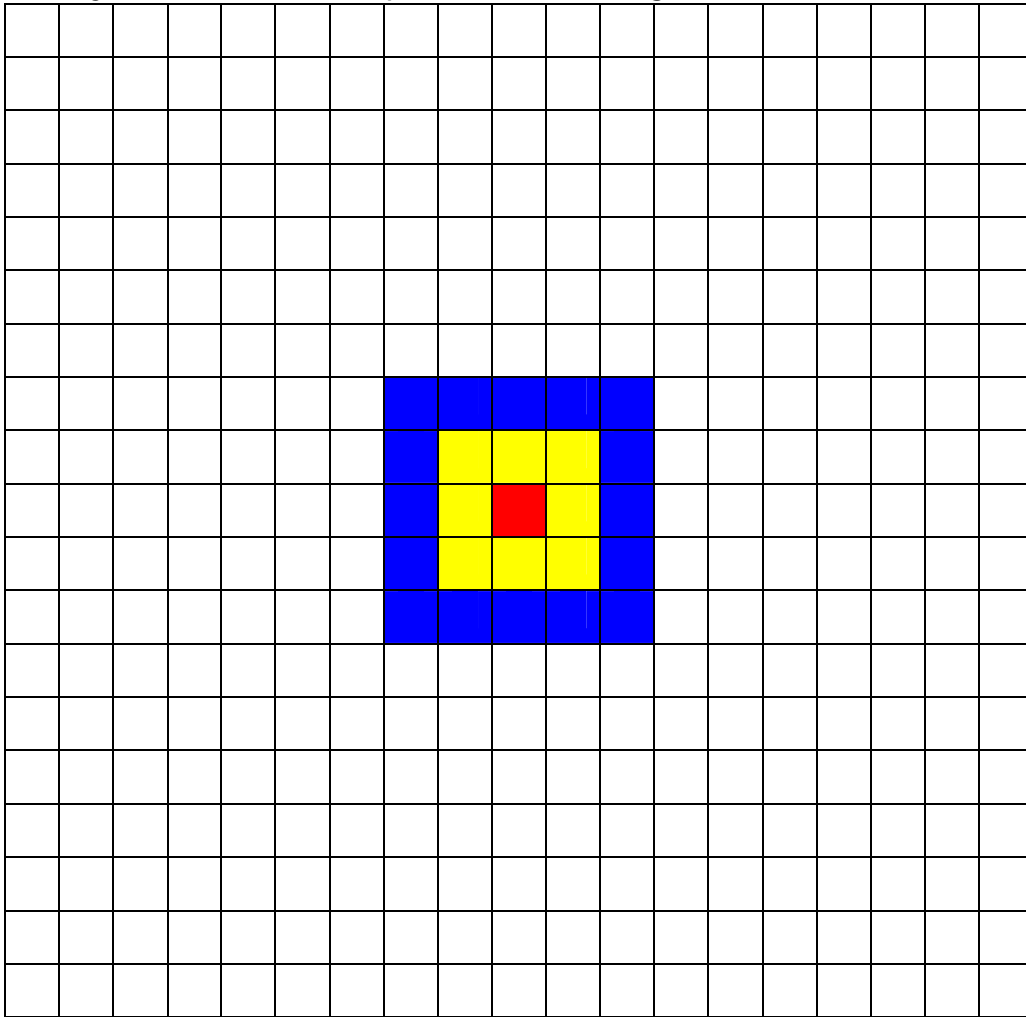


# Expanding Squares 2

Can you continue the pattern on the grid?



Complete the table below.

| Pattern Number | Number of Squares Added | Total Number of Squares |
|----------------|-------------------------|-------------------------|
| 1              | 1                       | 1                       |
| 2              | 8                       | 9                       |
| 3              | 16                      | 25                      |
| 4              |                         |                         |
| 5              |                         |                         |
| 6              |                         |                         |
| 7              |                         |                         |
| 8              |                         |                         |
| 9              |                         |                         |
| 10             |                         |                         |

Can you describe the pattern?

Could you guess how many squares there will be in total for Pattern 11? Pattern 12?

Can you explain how you could work out the table without the picture of the squares to help?

Could you make up your own Expanding Square Pattern?

