

1) Find a formula for the  $n$ th term of this quadratic sequence:

3, 8, 15, 24, ...

2) Find a formula for the  $n$ th term of this quadratic sequence:

3, 5, 9, 15, ...

3) Find a formula for the  $n$ th term of this quadratic sequence:

3, 7, 13, 21, ...

4) Find a formula for the  $n$ th term of this quadratic sequence:

1, 4, 11, 22, ...

5) Find a formula for the  $n$ th term of this quadratic sequence:

2, 7, 18, 35, ...