General Sequences

For each sequence give the next 3 terms.

1) 1 , 4 , 9 , 16

2) 3 , 9 , 21 , 39

3) 4 , 8 , 12 , 16

4) 58 , 56 , 52 , 44

5) 53 , 50 , 45 , 38

6) 2 , 4 , 8 , 16

For each formula, give the first 4 terms, with a_1 being the first term.

7) $a_n = a_{n-1} \cdot 2$, $a_1 = 6$

8) $a_n = a_{n-1} - 3$, $a_1 = 92$

9) $a_n = n^2$

10) $a_n = 35 - 2^n$

11) $a_n = a_{n-1} - 2$, $a_1 = 87$

12) $a_n = 82 - 3n$

General Sequences

For each sequence give the next 3 terms.

1) 1 , 4 , 9 , 16

   25 , 36 , 49

2) 3 , 9 , 21 , 39

   63 , 93 , 129

3) 4 , 8 , 12 , 16

   20 , 24 , 28

4) 58 , 56 , 52 , 44

   28 , -4 , -68

5) 53 , 50 , 45 , 38

   29 , 18 , 5

6) 2 , 4 , 8 , 16

   32 , 64 , 128

For each formula, give the first 4 terms, with a_1 being the first term.

7) $a_n = a_{n-1} \cdot 2$, $a_1 = 6$

   6 , 12 , 24 , 48

8) $a_n = a_{n-1} - 3$, $a_1 = 92$

   92 , 89 , 86 , 83

9) $a_n = n^2$

   1 , 4 , 9 , 16

10) $a_n = 35 - 2^n$

   33 , 31 , 27 , 19

11) $a_n = a_{n-1} - 2$, $a_1 = 87$

   87 , 85 , 83 , 81

12) $a_n = 82 - 3n$

   79 , 76 , 73 , 70