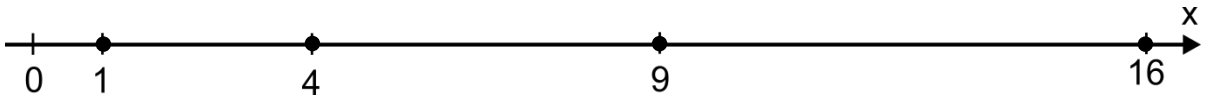
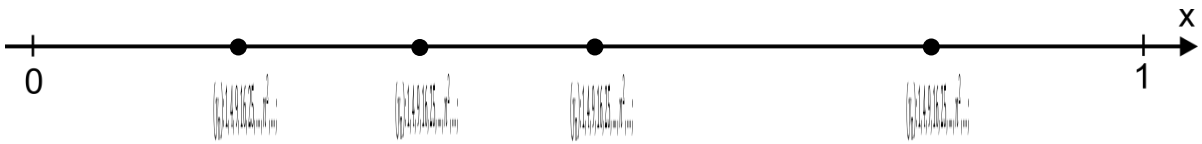
$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

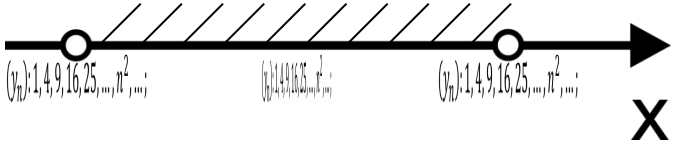


$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$



$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

$$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$$



$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

«Точка сгущения для членов заданной последовательности» — «предел последовательности».

$$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$$

Пояснения к определению предела последовательности.

$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$

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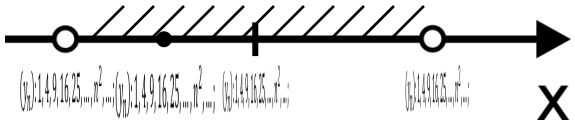
$$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$$

$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

Решение.

$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$



$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

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$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

Решение.

$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

Результат, полученный в примере 2, является частным случаем более общего утверждения.

$$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$$

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Решение.

$$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$$

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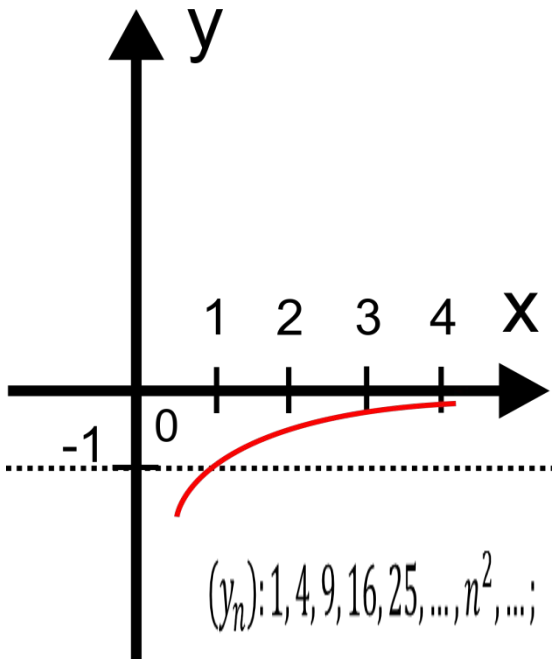
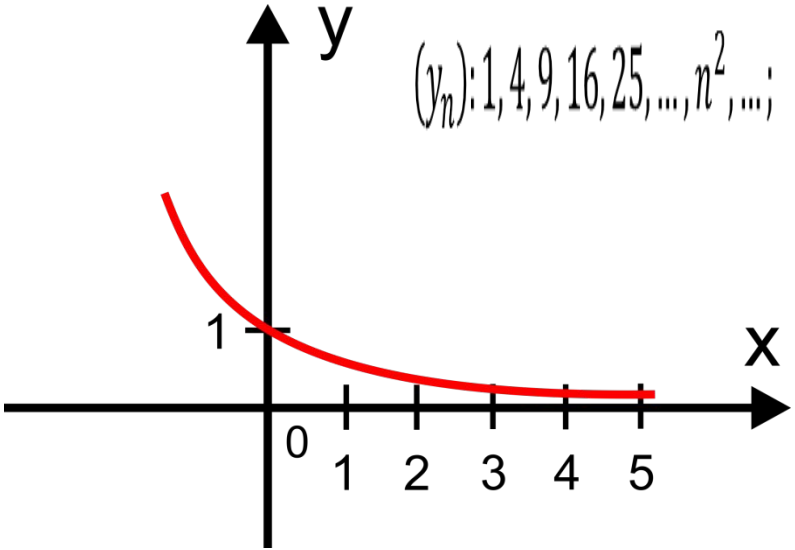
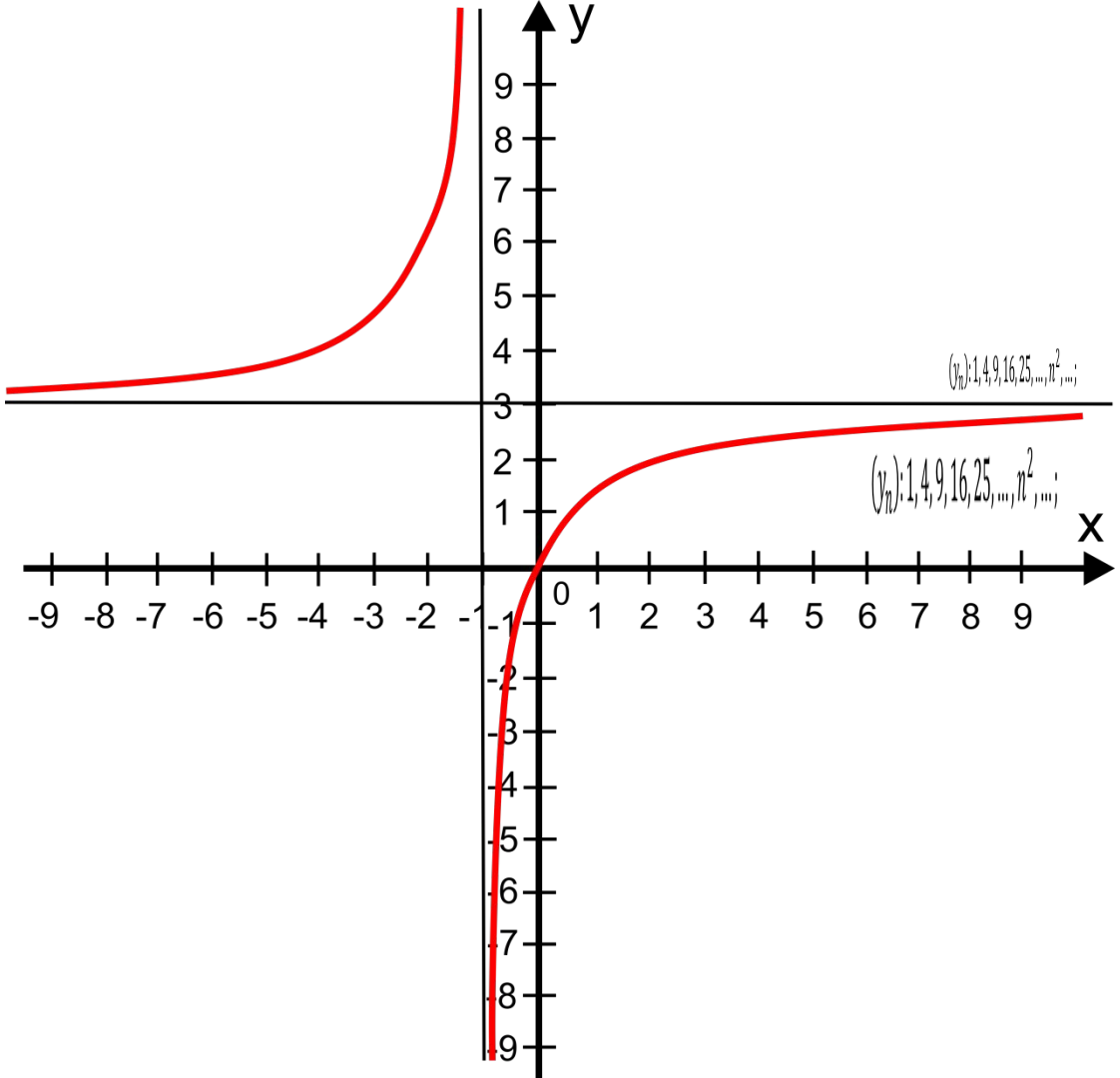
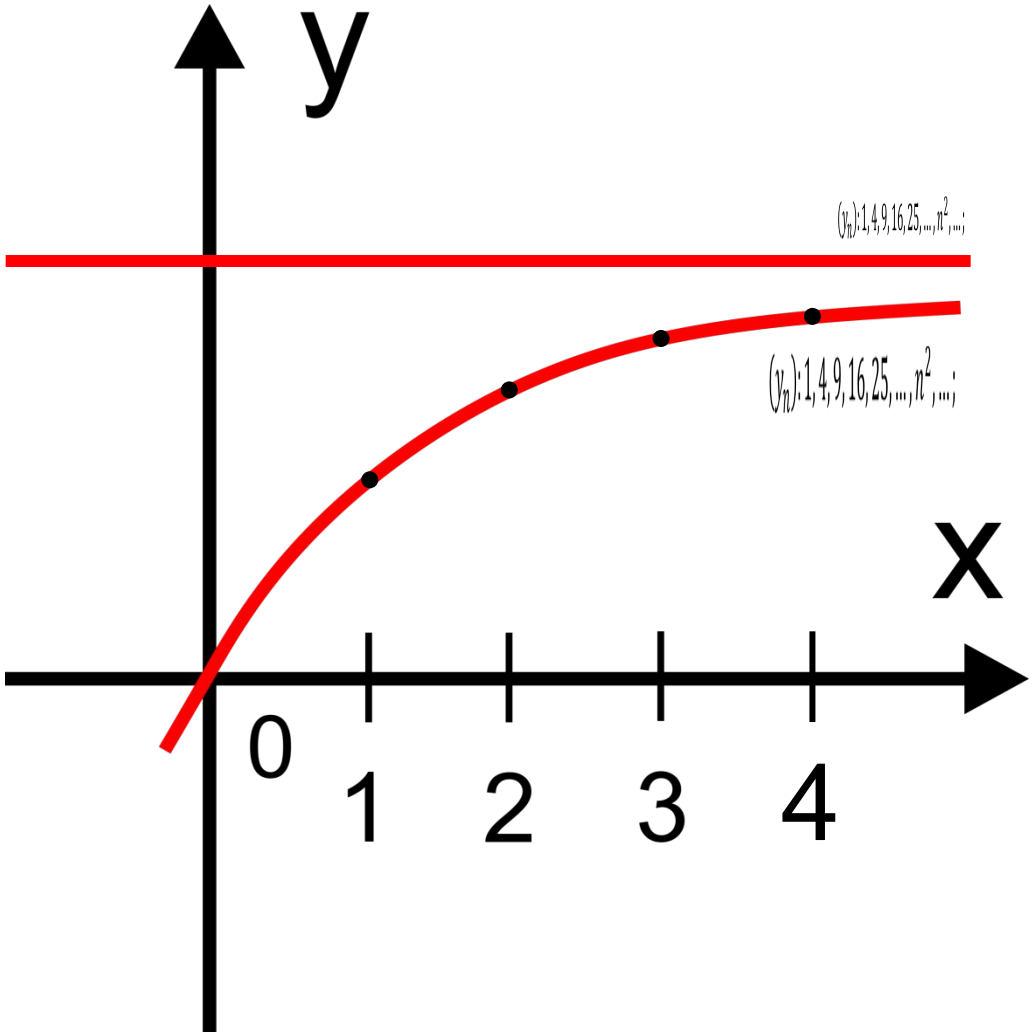
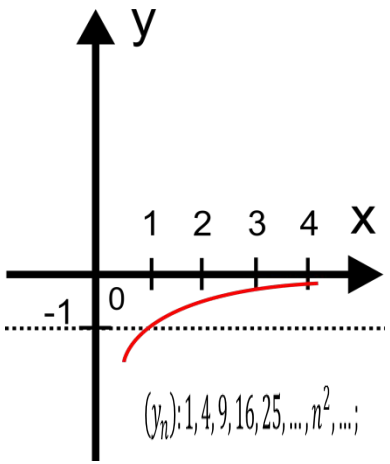
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$

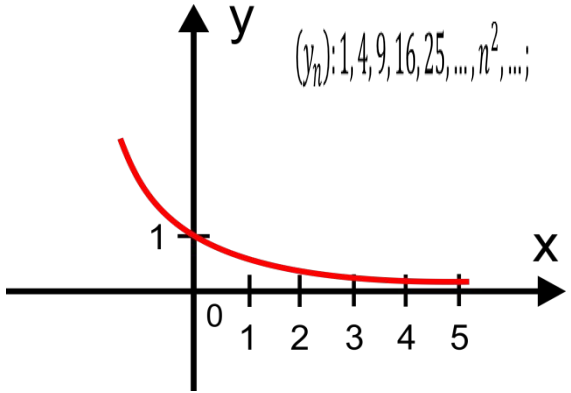

y
x
1
2
3
4
0
-1
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$

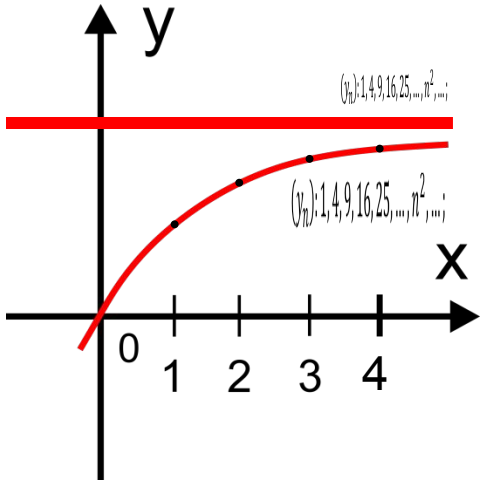
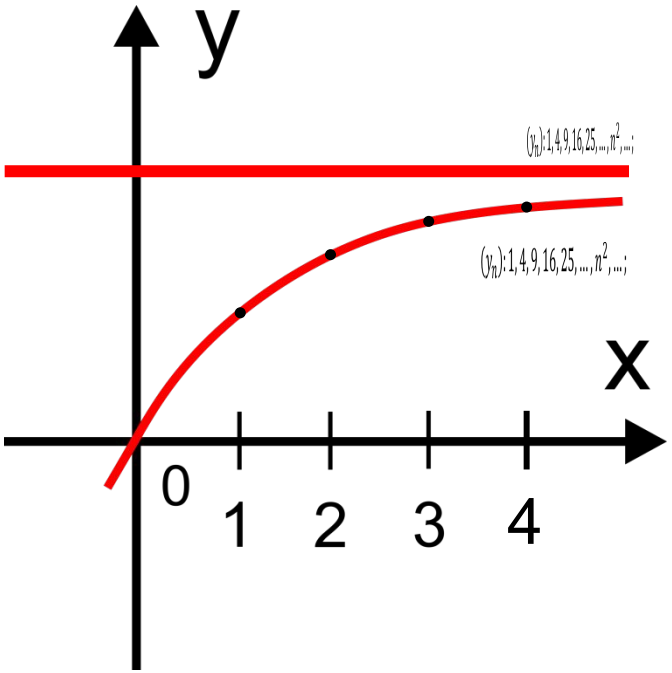

y
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$
1
x
0
1
2
3
4
5


y
x
0
(y_n):1,4,9,16,25,...,n^2,...;
(y_n):1,4,9,16,25,...,n^2,...;


y
(y_n):1,4,9,16,25,...,n^2,...;
(y_n):1,4,9,16,25,...,n^2,...;
x
0
1
2
3
4


y
x
1 2 3 4
-1
0
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$


y
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$
x
1
0
1 2 3 4 5


y
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$
$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$
x
0
1 2 3 4

$$(y_n): 1, 4, 9, 16, 25, \ldots, n^2, \ldots;$$