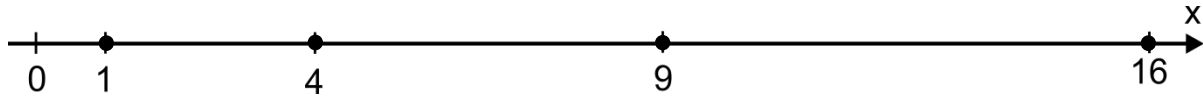


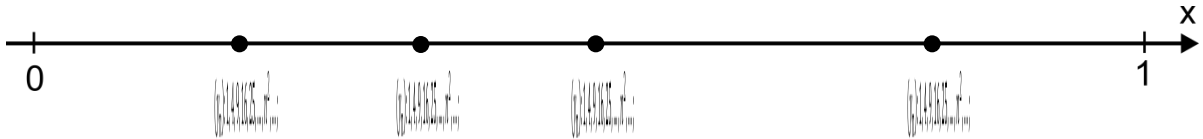
Предел числовой последовательности.  
Определение предела последовательности

<https://youtu.be/puRczZI98wA>

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



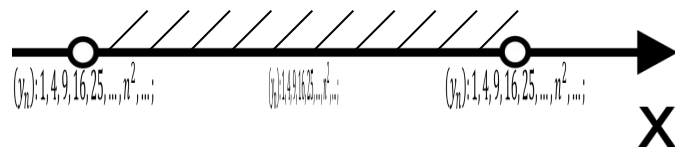
$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$



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



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

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



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

## Пояснения к определению предела последовательности.

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

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## Пояснения к определению предела последовательности.

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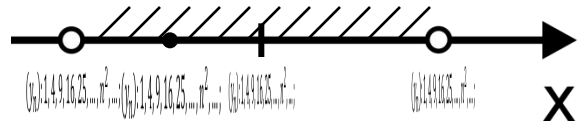
$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$



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

Решение.

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



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

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

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Решение.

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

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

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

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

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

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

---

Решение.

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

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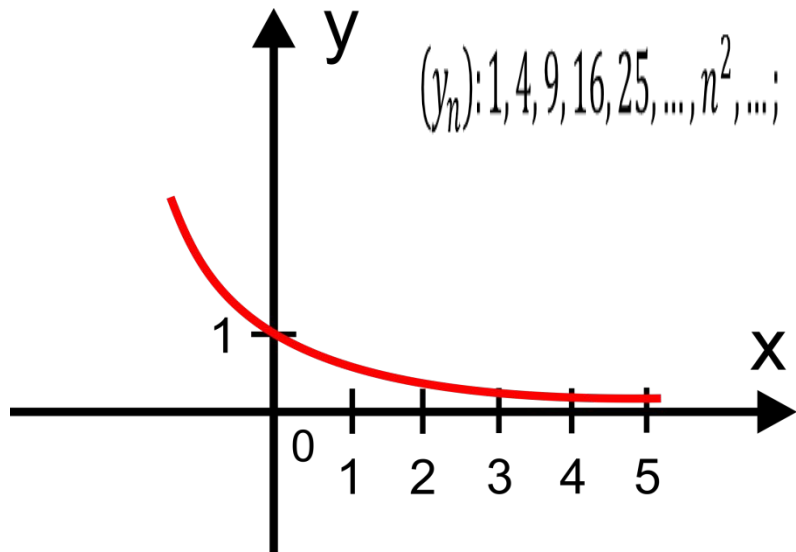
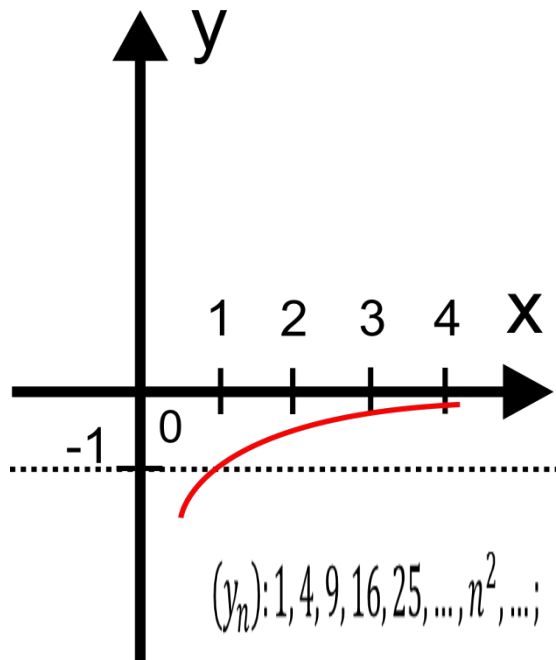
$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

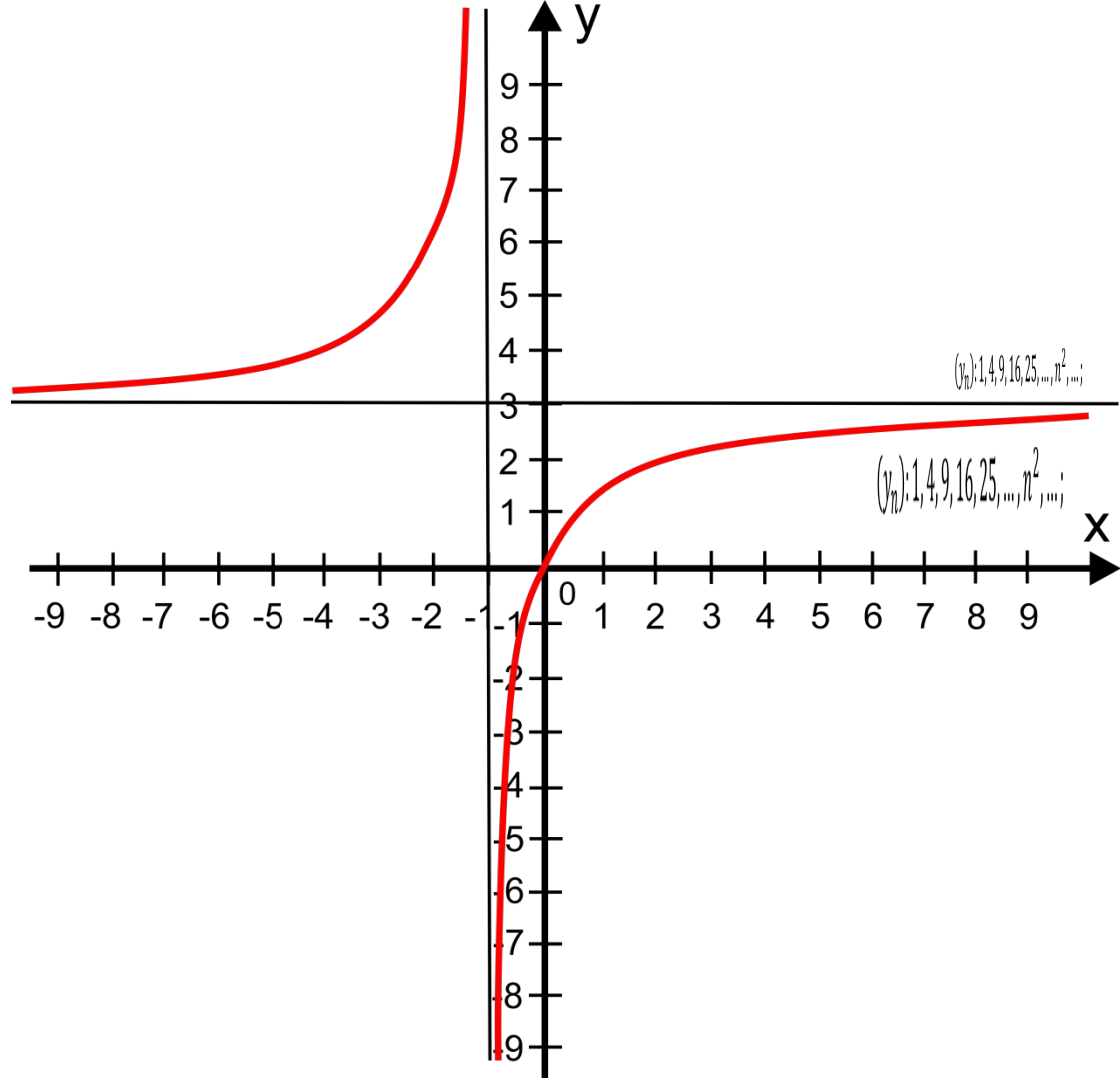
$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

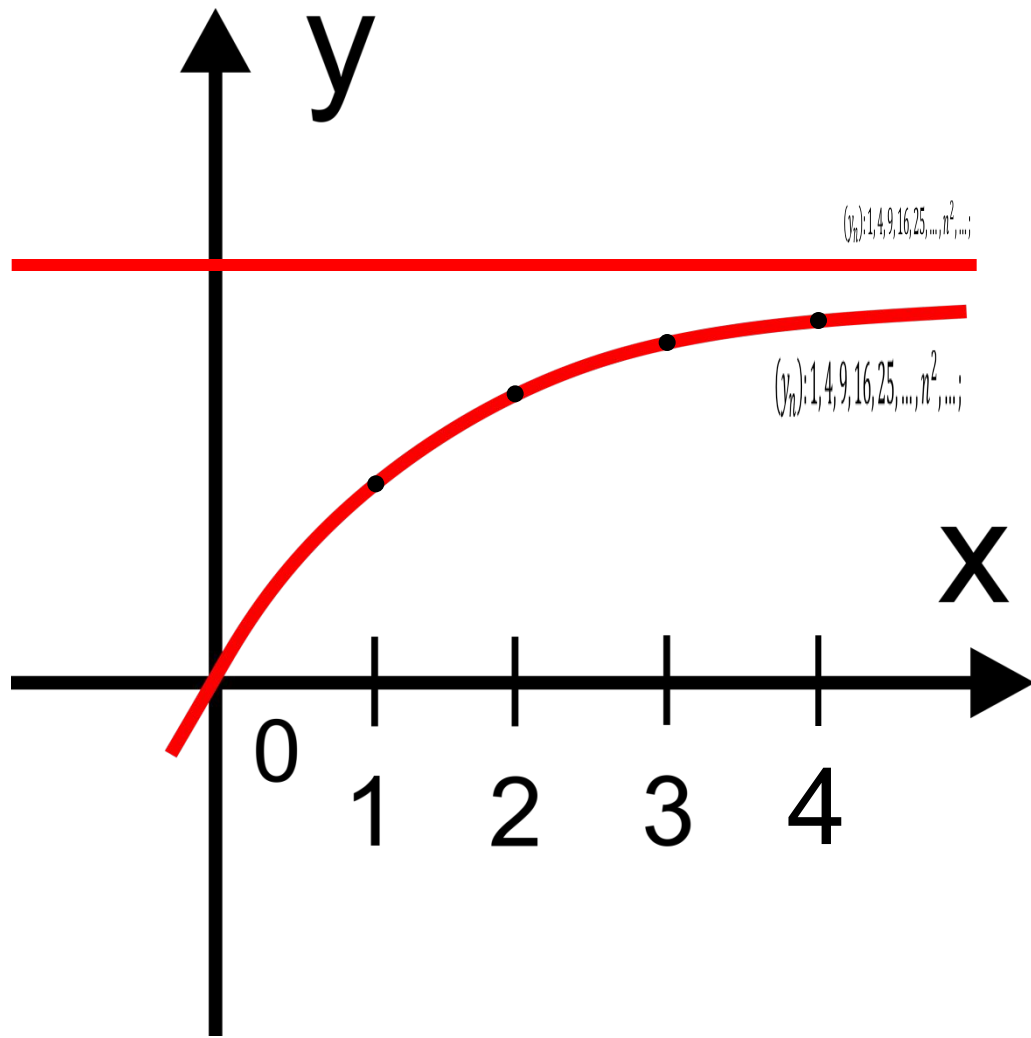
$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$

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

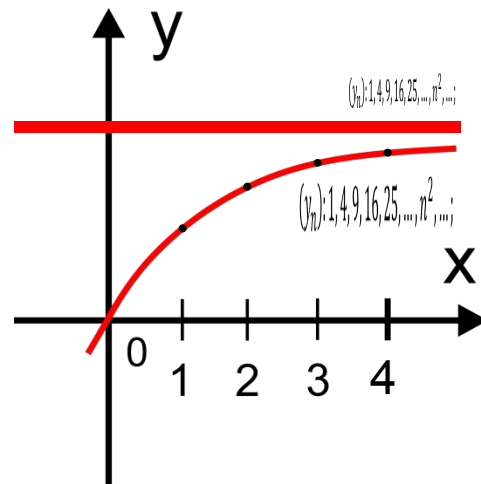
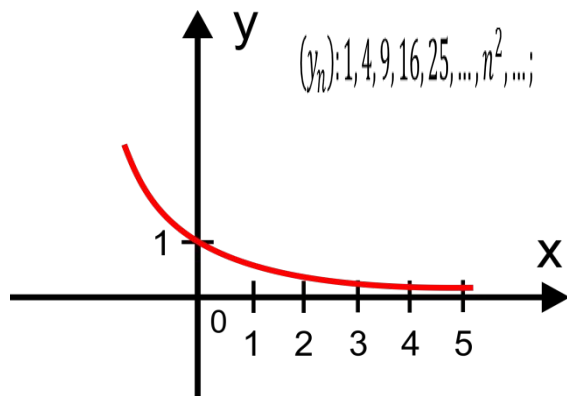
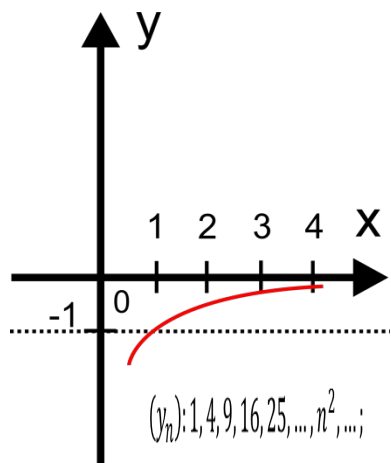
$$(y_n): 1, 4, 9, 16, 25, \dots, n^2, \dots;$$











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

