

Precalculus

Transform inequality to interval

Todor Milev

2019

Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.

Example

Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.

Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.
?

Example

Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.

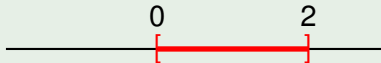
Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.

$[0, 2]$



Example

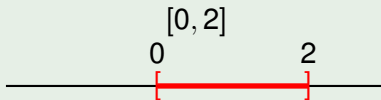
Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.

Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.



Example

Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.

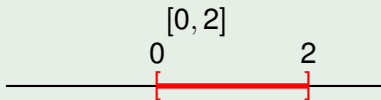
?

Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

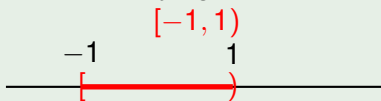
Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.



Example

Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.

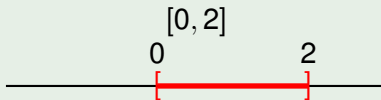


Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

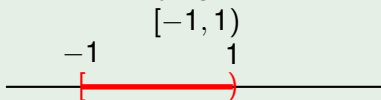
Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.



Example

Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.



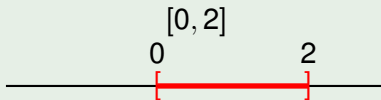
Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

?

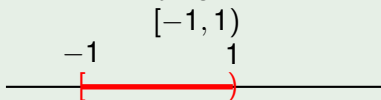
Example

Write the set of numbers x satisfying $0 \leq x \leq 2$ in interval notation.



Example

Write the set of numbers x satisfying $-1 \leq x < 1$ in interval notation.



Example

Write the set of numbers x satisfying $x < 2$ in interval notation.

