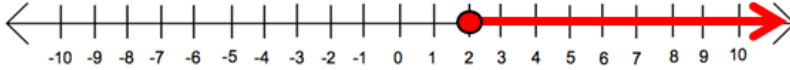


Inequality Expressions Quiz

The number line that represent the expression, $x \geq 2$, is

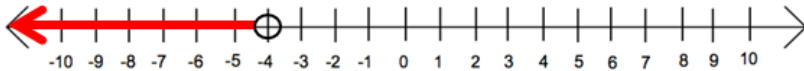


a) *True*

The inequality: $x < 14$ can be read as “a number greater than 14.”

b) *False*

Which of the following inequality match the number line below?



c) $x < -4$

Which of the following expression match this statement: “All numbers between 4 and 15, including 4 but not including 15.”

d) $[4, 15)$

Which of the following interval notation match the number line displayed below?



a) $(-5, 6)$

Which of the following inequality match this expression in interval notation: $[3, \infty)$

d) $x \geq 3$

Round or “open” brackets () indicate that the number is included in the solution.

b) *False*

One of the ways to express solution to inequality is written as: $\{x|x < 2\}$. Identify the expression.

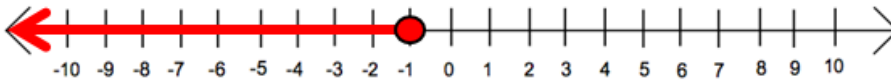
b) Set notation

The graph below represent this set notation: $\{t \mid t \leq 5\}$



b) *False*

Which of the following expression match the graph of the number line?



c) $x \leq -1$