6.14

1. Joey is a member of the football team. He works out at least 4 hours each week to stay in shape. Write an inequality to represent this situation and graph the solution.

Algebraic Inequality: _____
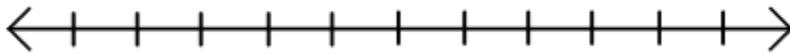
2. Solve the one-step linear inequality.

$$3 + x < 5$$

A. $x < 8$

B. $x < 2$

C. $x > 8$

D. $x > 2$

3. Identify two inequality statements that represent the graph below.
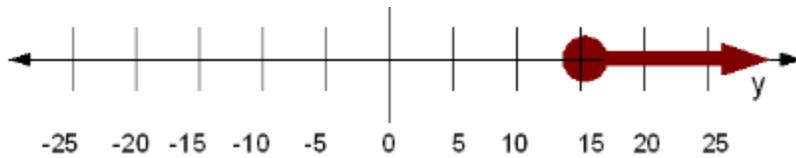
$n < 15$	$n > 15$	$n \leq 15$	$n \geq 15$
$15 < n$	$15 > n$	$15 \leq n$	$15 \geq n$

4. Select all of the numerical values that would make the inequality statement true.

$$a - 8 < -12$$

4	-3	-7
-5	0	-4

5. What is the solution to $10 \leq p - 4$?

A. $6 \geq p$

B. $14 \geq p$

C. $14 \leq p$

D. $6 \leq p$

6. Which number line represents all solutions to the inequality $x \leq 3$?

A.

B.

C.

D.
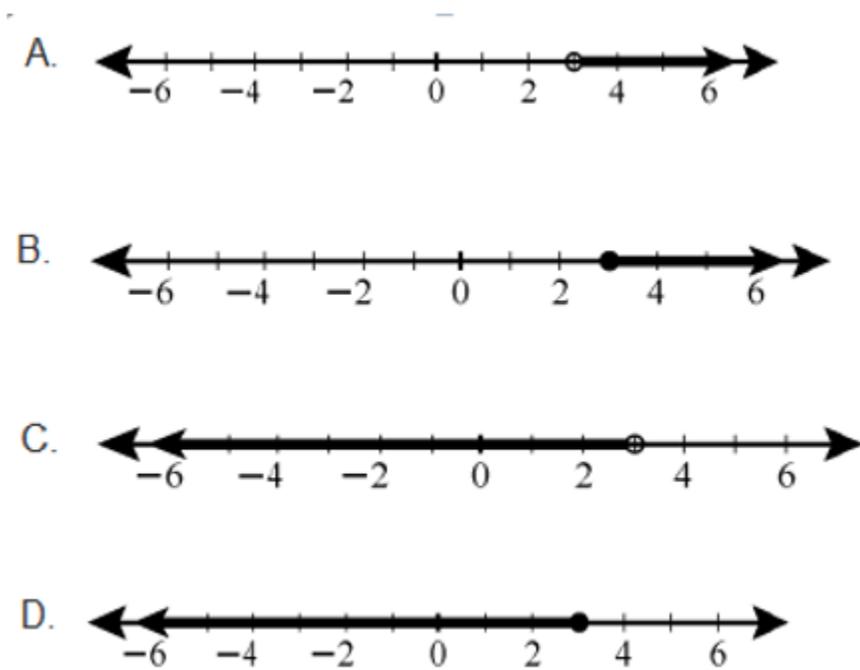
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Algebra Readiness Formative Assessment