GRADE 6 MATH · CLASSWORK · SPECIAL ED

Understand Inequalities

SCORE / 25

01 Part A · Practice

An inequality compares with <, >, ≤, ≥; it usually has many solutions.

EXAMPLE

Which of 3, 5, 7 **are solutions of** $x \geq 5$**?**

1. $x \geq 5$ means x is greater than or equal to 5.
2. 3 is less than 5: no.
3. 5 and 7 are solutions.

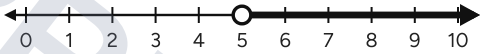
WORDS TO KNOW

inequality a math sentence with <, >, ≤, or ≥
≥ greater than or equal to
≤ less than or equal to

1 ●○○

Write the inequality shown by the graph. Use g.

HINT Open circle: the number is NOT included. Closed circle: it is included. Shading shows greater (right) or less (left).



2 ●○○

Is 17 a solution of $n \geq 14$? Explain.

HINT Read $n \geq 14$ as "n is greater than or equal to 14". Check 17.

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Preview - the full worksheet and its answer key are at primeworksheet.com