

Name :

Expressions and Equations

Lesson 5

Inequalities

Guided Practice

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Determine which number is a solution of the inequality. (Example 1)

1. $9 + a < 17$; 7, 8, 9 _____



a = _____

2. $b - 10 > 5$; 14, 15, 16 _____

b = _____

Is the given value a solution of the inequality? Write solution or not solution

3. $x - 5 < 5$, $x = 15$ _____

4. $32 \geq 8n$, $n = 3$ _____

Independent Practice

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Determine which number is a solution of the inequality. (Example 1)

1. $1 + f < 7$; 5, 6, 7 _____



f = _____, _____

2. $g - 3 > 4$; 6, 7, 8 _____

g = _____

Is the given value a solution of the inequality? (Examples 2–4) Write solution or not solution

3. $q - 2 > 16$, $q = 20$ _____

4. $t - 7 < 10$, $t = 28$ _____