Name :

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 _____

Show your work.

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 _____

Show your work.

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

LIVEWORKSHEETS