Name: $\qquad$

## Two-Step Inequalities

Mixed Practice
Solve and graph the inequalities.

1. $6 x+2 \geq 38$

2. $-\frac{y}{4}-5<2$


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2
7
5
3

- 5

1
$4 \quad-6$
2
-3
5. Carmen is saving money for a vacation. She currently has $\$ 125$. If she saves $\$ 25$ each week, how many weeks would it take her to save at least $\$ 800$ ?
Write and solve an inequality to represent this. Then graph its solution on a number line.
inequality: $\qquad$
solution: $\qquad$

Carmen needs to save for at least / at most $\qquad$ weeks.

## ANSWER KEY

## Two-Step Inequalities

Mixed Practice

Solve and graph the inequalities.

1. $6 x+2 \geq 38$

