

Solving Inequalities Assignment

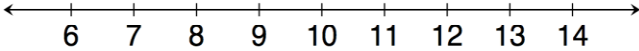
Remember:

- goes with \leq and \geq
- goes with $<$ and $>$

Solve the inequality. Write the answer as a graph, interval notation, and as a sentence.

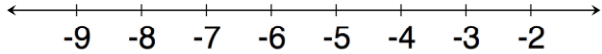
1. $4y + 6 < 38$

2. $-2p + 4 \geq 14$



Interval notation: _____

Sentence: _____

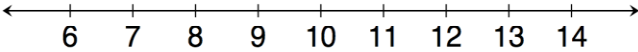


Interval notation: _____

Sentence: _____

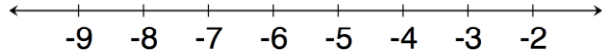
3. $3n - 6 > 18$

4. $-2x + 1 \leq 15$



Interval notation: _____

Sentence: _____



Interval notation: _____

Sentence: _____

Solve the inequality or equation.

5. $7a + 5 \geq 40$

6. $-\frac{2}{3}x + 4 < 6$

Graph:

Interval notation: _____

Sentence: _____

Graph:

Interval notation: _____

Sentence: _____

Name _____ Date _____ Per _____

Solving Inequalities Assignment

7.) $33 + 4x \leq -(x + 7)$

8.) $2(6 + 4n) \geq 12 - 8n$

Graph:

Interval notation: _____

Sentence:

Graph:

Interval notation: _____

Sentence:

9.) $-5(2b + 7) + b < -b - 11$

10.) $2(6 + 4n) \geq 12 - 8n$

Graph:

Interval notation: _____

Sentence:

Graph:

Interval notation: _____

Sentence:

