

Homework #5 - Solving Inequalities

Date _____ 5T _____

Solve each inequality and graph its solution.

1) $9x \geq -81$

2) $\frac{x}{15} \leq 12$

3) $17.3p > -288.91$

4) $-5.4 + a \geq -0.3$

5) $-17 \geq -14 + \frac{x}{3}$

6) $-101 \leq -14n - 3$

7) $3x + 6x \leq -9$

8) $15 \geq 4x + x$

9) $1 + 3x + 5 - 11 \leq 7x - 3x$

10) $-9 - n > 2n - 5 - 4$

11) $-32 + 8n \geq 8(8 + 5n)$

12) $-4(2b + 7) \leq -7b - 30$

13) $4(4n - 7) - 4 \geq -2(4n - 8)$

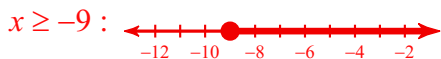
14) $6(-2a - 7) - 6 \leq -(a - 7)$

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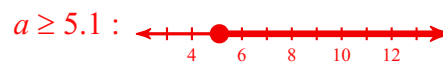
2) $\frac{x}{15} \leq 12$



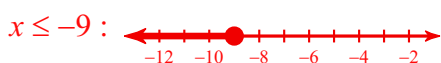
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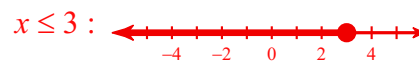
6) $-101 \leq -14n - 3$



7) $3x + 6x \leq -9$



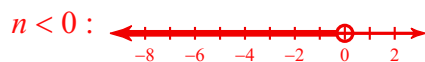
8) $15 \geq 4x + x$



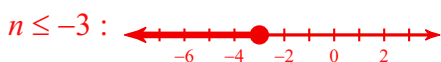
9) $1 + 3x + 5 - 11 \leq 7x - 3x$



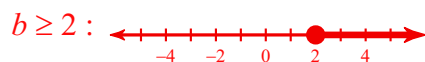
10) $-9 - n > 2n - 5 - 4$



11) $-32 + 8n \geq 8(8 + 5n)$



12) $-4(2b + 7) \leq -7b - 30$



13) $4(4n - 7) - 4 \geq -2(4n - 8)$



14) $6(-2a - 7) - 6 \leq -(a - 7)$

