

2.1 Solving Inequalities WS

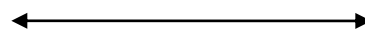
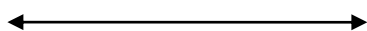
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Solve and graph the solution for the following problems. Then write the answer in interval notation

1. $x + 1 \leq -4$

2. $3x - 9 > 18$

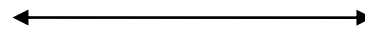
3. $-3y - 7 < 23$



4. $-5b + 4 \geq 19$

5. $10 \leq 2x - 12$

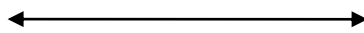
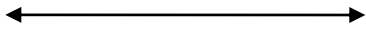
6. $-6y + 7 \geq + 31$



7. $5x - 2 > x - 18$

8. $3b + 1 \leq 2b - 15$

9. $4y + 5 \geq y + 26$



10. $5(x - 2) > 20$

11. $3(b + 1) \leq 15$

12. $4(y + 5) \geq y + 26$

