

Linear Functions Review

Solving Inequalities and Graphing Linear Inequalities 2

Solve each inequality. Then check your solution.

1. $3(d - 2) - 2d > 16$

2. $4.6(x - 3.4) > 5.1x$

3. $8 - 2(b + 1) < 12 - 3b$

4. $m + 17 \leq -(4m - 13)$

5. $2(y - 2) > -4 + 2y$

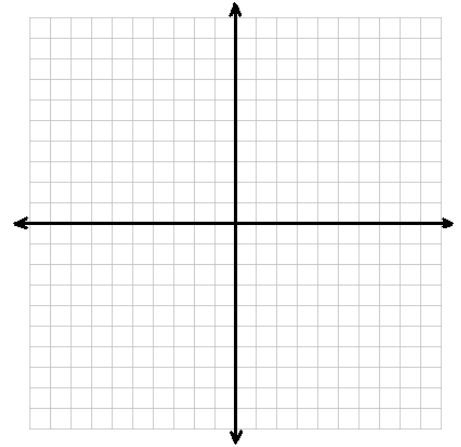
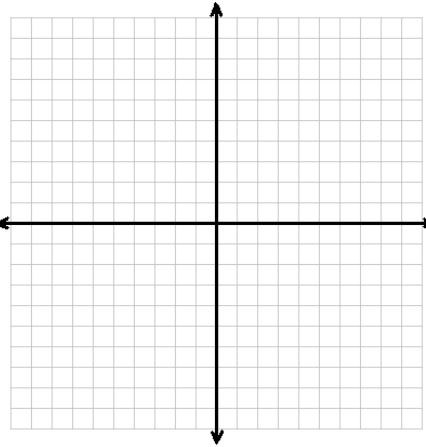
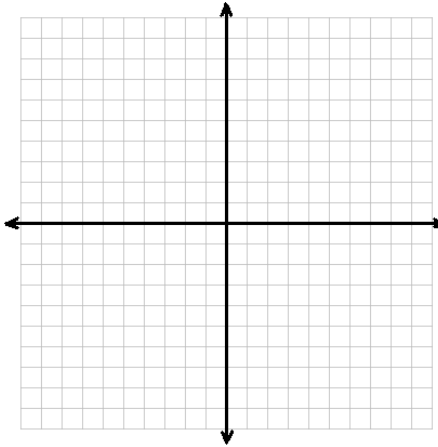
6. $n - 4 \leq -3(2 + n)$

Graph each inequality.

7. $5y - 2x \leq 10$

8. $3y > 3x + 9$

9. $y - 2x < 3$



For exercises 10 and 11, use the following information.

At the thrift store, used DVDs cost \$9 and used CDs cost \$7. Satchi can spend no more than \$35.

10. Write an inequality that represents this information.

11. Does Satchi have enough money to buy 2 DVDs and 3 CDs?