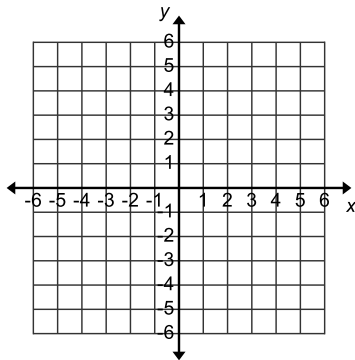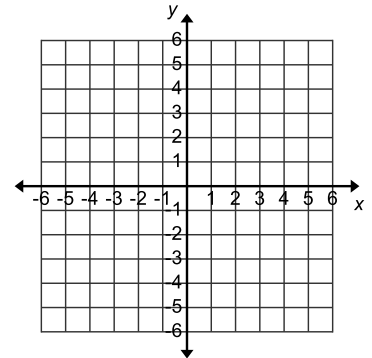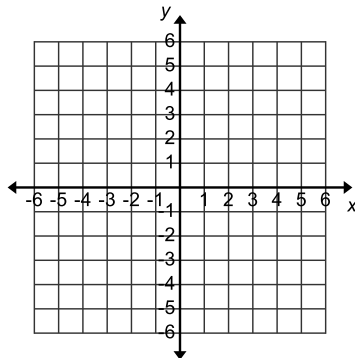Graph each linear inequality
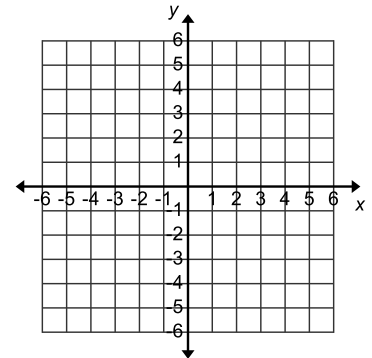
1. $y \le 3x + 1$

2. $y > \dfrac{1}{2}x - 4$

3. Using the graph from #1, is the point (2, 6) a solution?

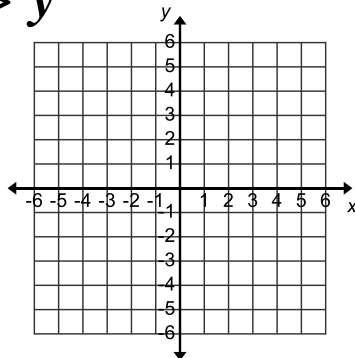4. Using the graph from #2, is the point (1, 3) a solution?

5. $y > -3$

6. $x \ge -3$

7. Using the graph from #5, is the point (-4, -3) a solution?

8. Using the graph from #6, is the point (-5, 2) a solution?

9. $2x + 4 > y$

10. $\dfrac{1}{3}x - 2 \ge y$

11. Using the graph from #9, is the point (-1, 2) a solution?

Graph each linear inequality

1. $y \le 3x + 1$

2. $y > \dfrac{1}{2}x - 4$

3. Using the graph from #1, is the point (2, 6) a solution?

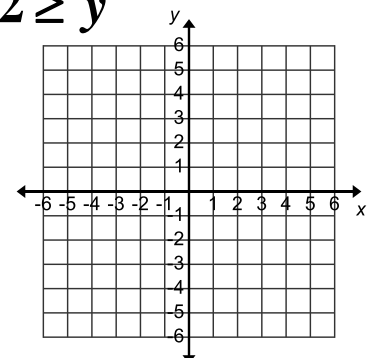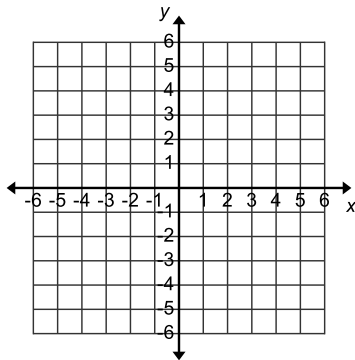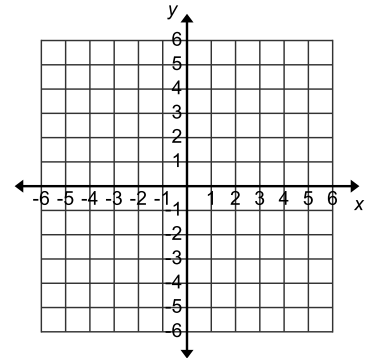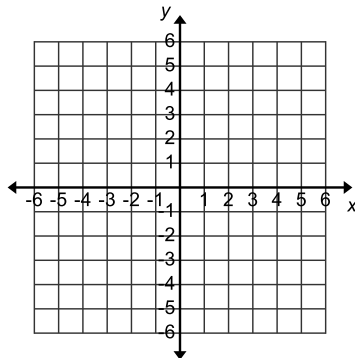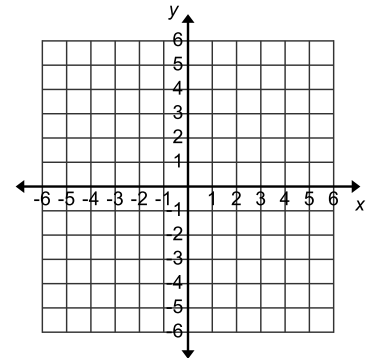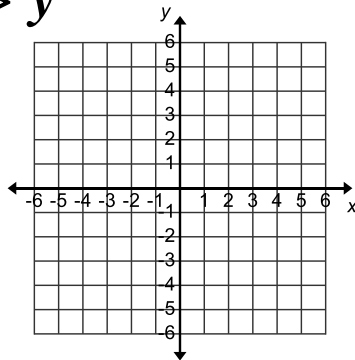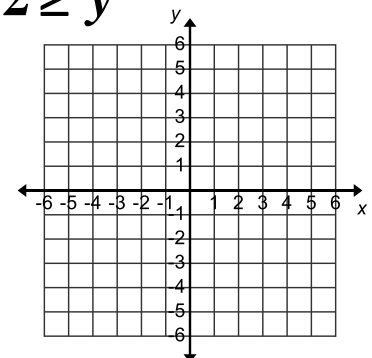4. Using the graph from #2, is the point (1, 3) a solution?

5. $y > -3$

6. $x \ge -3$

7. Using the graph from #5, is the point (-4, -3) a solution?

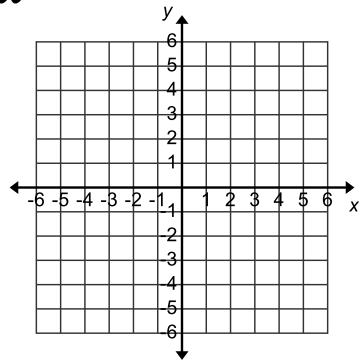8. Using the graph from #6, is the point (-5, 2) a solution?
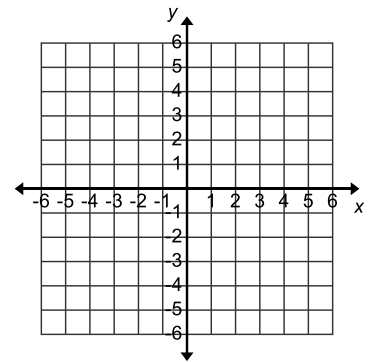
9. $2x + 4 > y$

10. $\dfrac{1}{3}x - 2 \ge y$

11. Using the graph from #9, is the point (-1, 2) a solution?
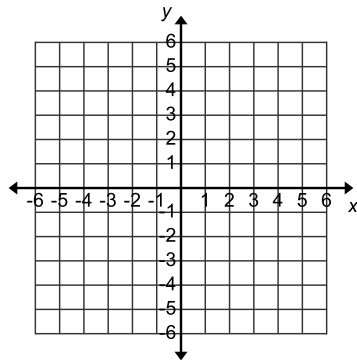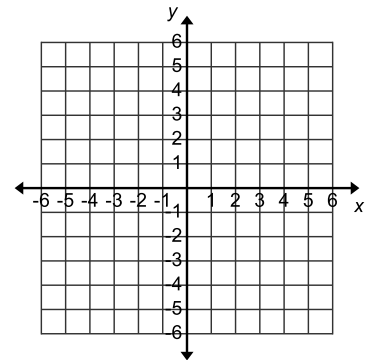
12. $y \le -\dfrac{1}{3}x$

13. $y > 2x$

14. Using the graph from #12, is the point (-2, -5) a solution?

15. Using the graph from #13, is the point (1, 3) a solution?

16. $y \le 2$

17. $x < 2$

Answers: No, No, No, Yes, Yes, Yes, Yes

12. $y \le -\dfrac{1}{3}x$

13. $y > 2x$

14. Using the graph from #12, is the point (-2, -5) a solution?

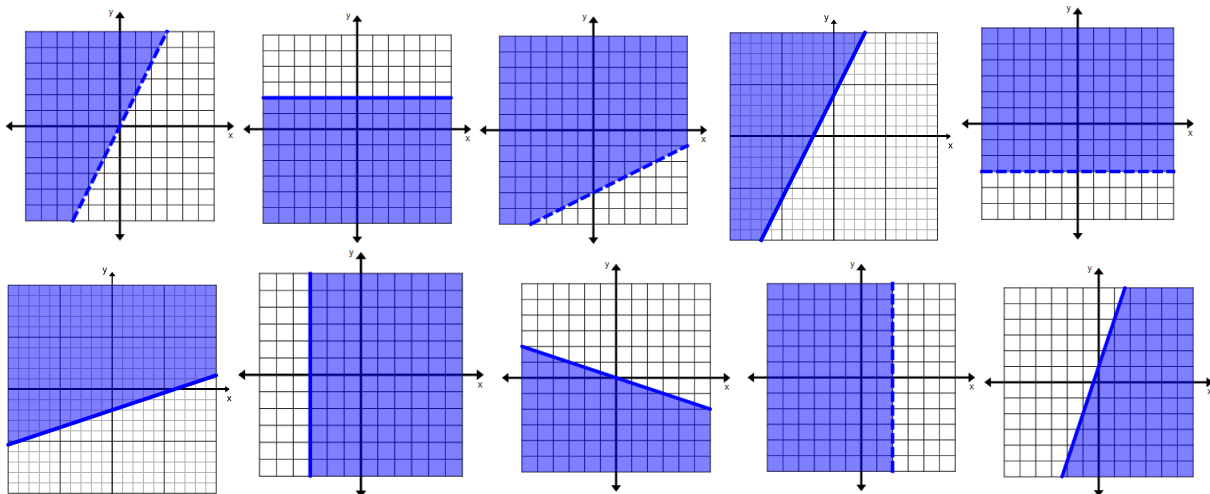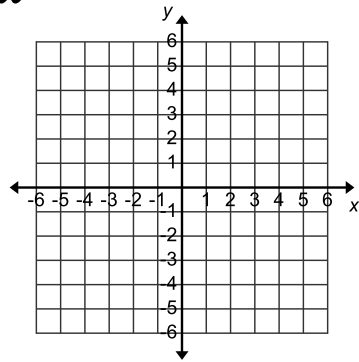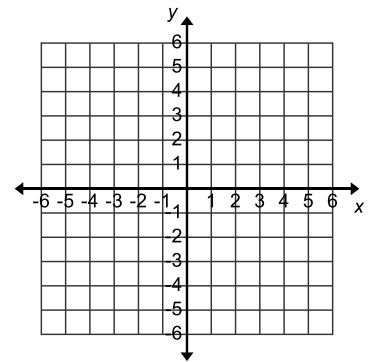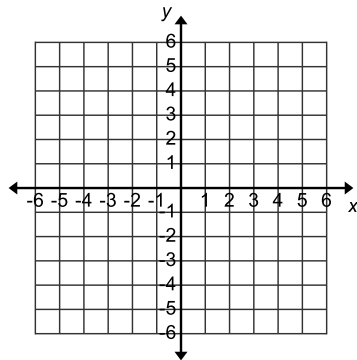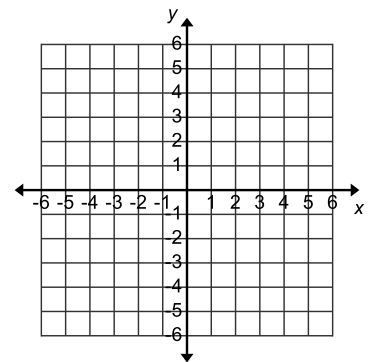15. Using the graph from #13, is the point (1, 3) a solution?

16. $y \le 2$

17. $x < 2$

Answers: No, No, No, Yes, Yes, Yes, Yes