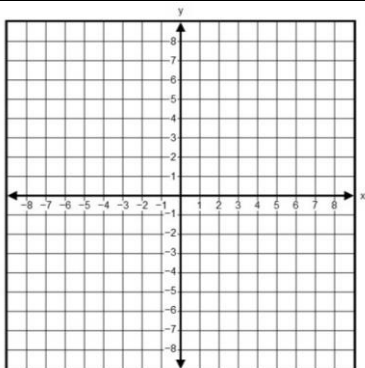


Monday

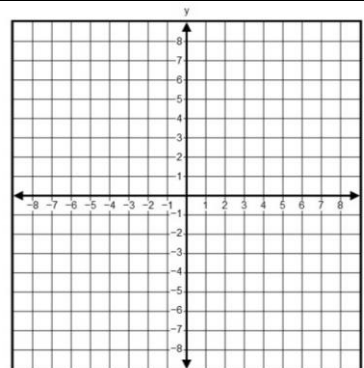
Graph the inequality.

$$y \geq -\frac{1}{4}x - 3$$



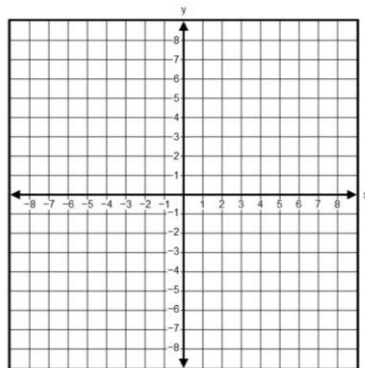
Graph the inequality.

$$y < \frac{1}{4}x - 3$$



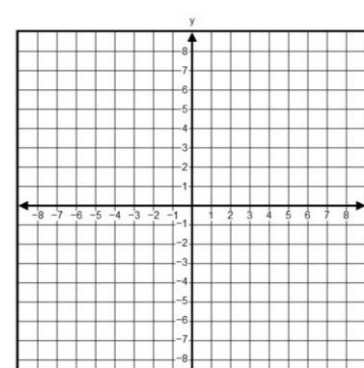
Graph the following:

$$y \geq \frac{2}{3}x - 3$$



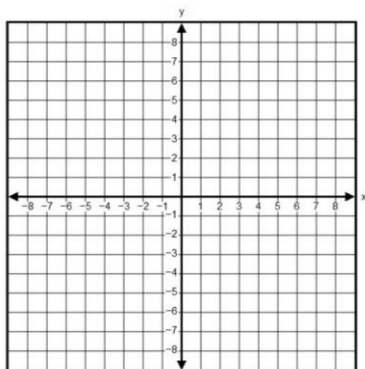
Graph the following:

$$y \leq -2$$

**Tuesday**

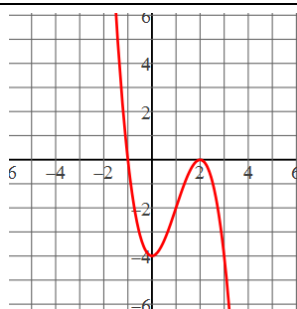
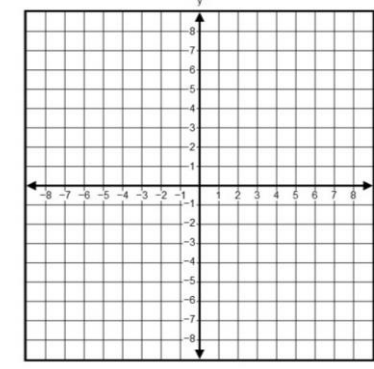
Graph the inequality by finding intercepts.

$$5x - 4y > 20$$



Graph the following.

$$3x + 2y < 6$$



State the intervals of increase.

•State the interval(s) of decrease.

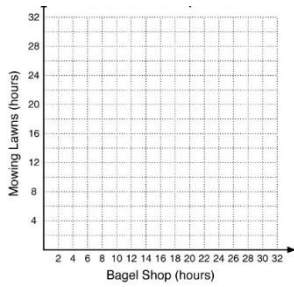
Estimate the y-intercept of this function.

Write an inequality for each situation:

- Bruce has two jobs: Job A and Job B. The most he can work each week is 30 hours.
- Carter wants to make a scarf that is at least 36 inches long.
- John is buying two types of nuts. Peanuts cost \$2 per pound and cashews cost \$5 per pound. He can spend up to \$30.

Wednesday

Riley earns \$7 per hour at the bagel shop and \$12 per hour mowing lawns. Riley needs to earn at least \$120 per week. Write an inequality. Then graph.



For the problem on the right, answer the following questions:

1. Write an equation for the price of Fitness.
2. Write an equation for the price of Workout.
3. If Eli wants to work out for only 3 months, which gym should he join?
4. If Eli wants to work out for 12 months, which gym should he join?

Eli wants to join a gym. **Fitness** charges a \$150 startup fee and then \$35 per month (beginning at Month 1). **Workout** has no startup fee but charges \$60 per month. Create a table showing the total cost for the first 8 months. Find the month at which the total cost is the same.

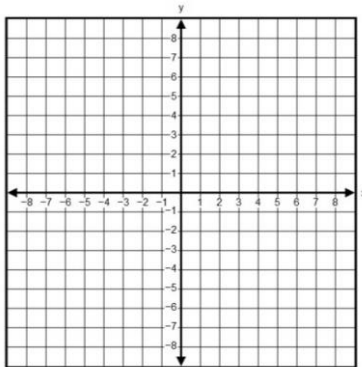
Month	Fitness	Workout
1	185	60
2		
3		
4		
5		
6		
7		
8		

Thursday

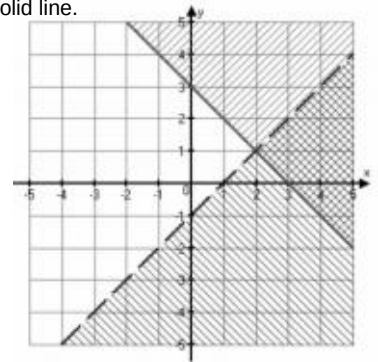
Graph:

$$y < 2x - 3$$

$$x + 3y \leq -6$$



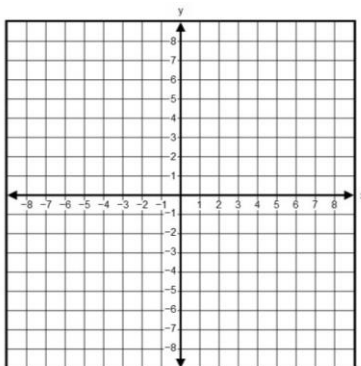
Write an inequality of the dashed line.
Then, write an inequality for the solid line.



Graph the following.

$$y \leq x + 2$$

$$y \geq -\frac{2}{3}x - 3$$



State the intervals of increase

Decrease and
Where the graph is
constant.

