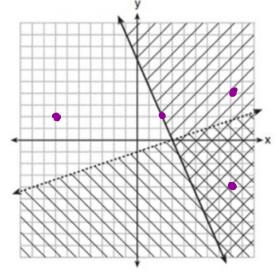
- 1. The value of the x-intercept for the graph 4x + 3y = 12 is
 - 1. 3
 - 3. $-\frac{4}{3}$
 - 4. $\frac{4}{3}$
- 4=0
- 4x+3(0)=12

2. What is one point that lies in the solution set of the system of inequalities graphed below?



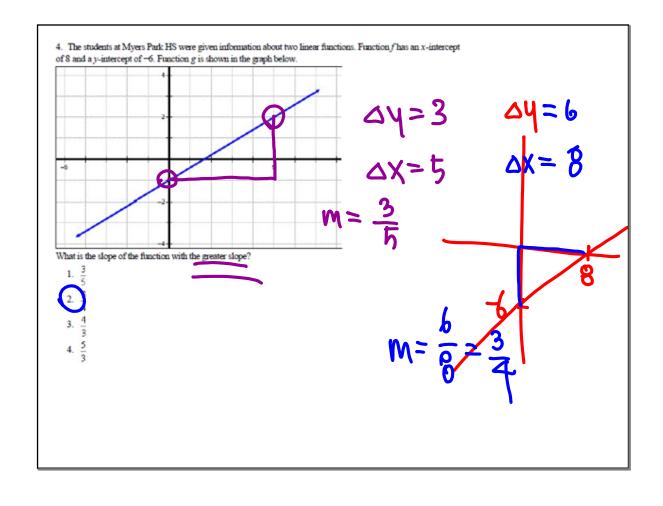
- 1. (-7, 2)
- 2. (2, 2)
- 3.(8, -4)
- 4.(8,4)

- 3. The cost of a taxi ride, C (in dollars), after a certain distance m (measured in miles) is modeled by the function C(m) = 1.25m + 5. In terms of cost and distance, which statement describes the meaning of the slope?
 - 1. The cost increases by \$1.25 as the distance increases by 10 miles.
- 2. The cost increases by \$12.50 as the distance increases by 10 miles.

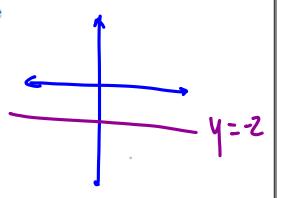
 3. The cost increases by \$1.25 as the distance decreases by 10 miles.

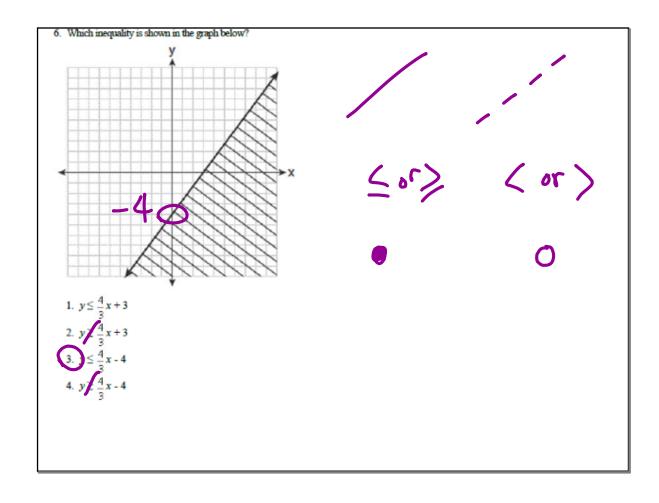
 - The cost decreases by \$12.50 as the distance increases by 10 miles.





- 5. The graph of the equation y = -2 is a line
 - 1. parallel to the x-axis
 - parallel to the y-axis
 - passing through the origin
 - 4. passing through the point (-2,0)





What is an equation of the line that passes through the points (2, 1) and (6, -5)?

1.
$$y = -\frac{3}{2}x - 2$$

2. $y = -\frac{3}{2}x + 4$
3. $y = -\frac{2}{3}x - 1$

points (2, 1) and (6, -5)?
1.
$$y = -\frac{3}{2}x - 2$$
 $M = \frac{-5 - 1}{6 - 2} = \frac{-b}{4}$
 $2\sqrt{y} = -\frac{3}{2}x + 4$ $-\frac{3}{2}x - 1$ $-\frac{3}{2}x + \frac{7}{3}$ $A = -\frac{3}{2}x + \frac{7}{3}$

8. What is the solution of the inequality $-6x - 17 \ge 8x$

$$+25?$$

$$2. x \le 3$$

$$4. x \le -3$$

-1411-17> 2-5

- 9. What is the solution of $3(2m-1) \le 4m+7$?
 - 1. *m* ≤ 5
- $2. m \ge 5$
- $3. m \le 4$
- 4. $m \ge 4$

10. Which graph represents the inequality $x \le 2$?







