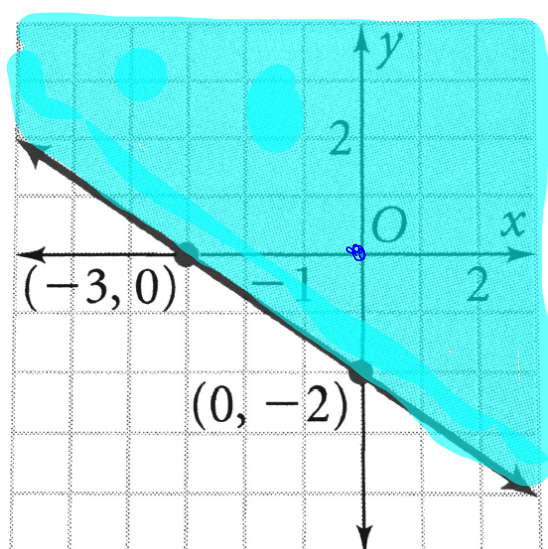


Test Today!! Grab you calculator.

Try this: Write the inequality whose solution is shown in the graph.



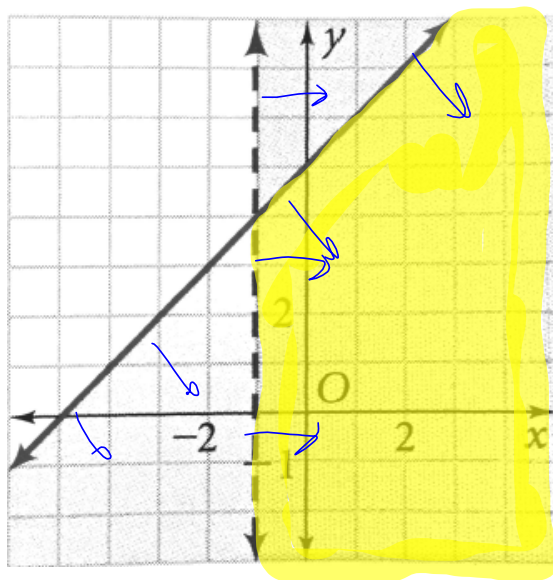
$$y \geq -\frac{2}{3}x - 2$$

$$0 \geq -2$$

$$m = -\frac{2}{3}$$
$$b = -2$$

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

Write a system of two linear equations that would have the solution set shown in the graph.



{

Unit 6 Test (44 points possible)

Page 1: (6 points)

#1-6 multiple choice questions @ 1 pt each = 6 pts

Page 2: (12 points)

#7-9 multiple choice questions @ 1 pt each = 3 pts

#10 graph: 1 pt for each line, 1 pt for shading = 3 pts

#11-12: solve by graphing @ 3 pts each = 6 pts

Page 3: (18 points)

#13-16: solve algebraically @ 3 pts each = 12 points

#17: set up and solve word problem = 6 points

Page 4: (8 points)

#18-19: set up word problems @ 3 pts each = 6 pts

#20: write a system = 2 pts

