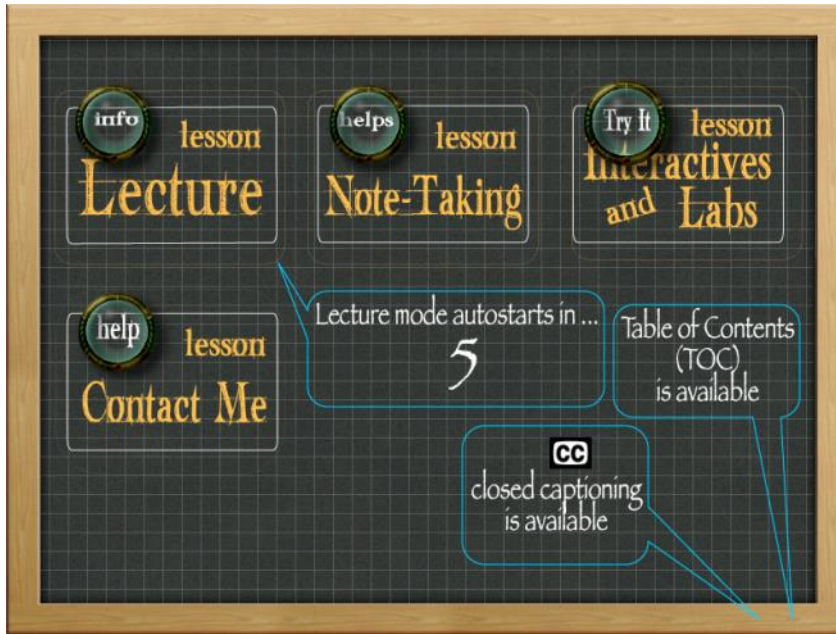


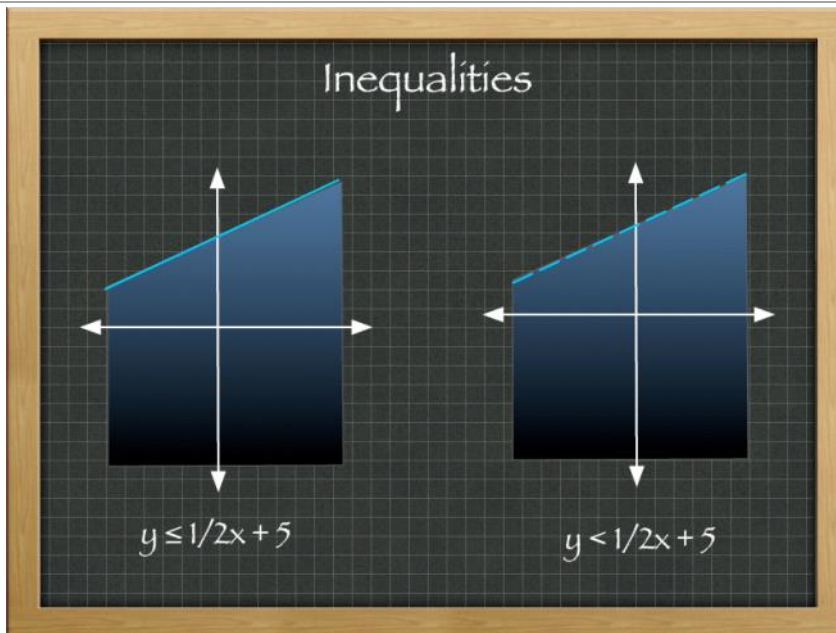
Systems of Linear Inequalities

Thursday, January 19, 2012
5:28 PM

Slides



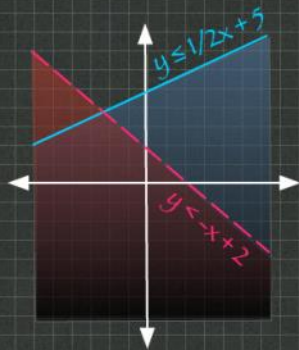
Notes



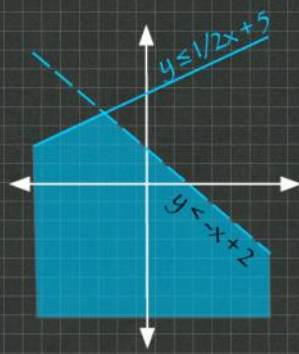
We have been doing inequalities using a number line, but we can also do these on a 2-D co-ordinate graph when you have two variables.

The first example is less than or equal to, so you will use a solid line compared to the dashed line of just a less than. That is because answer possibilities are not going to include anything exactly on the line that is drawn. Just numbers less than it.

Systems of Inequalities



both equations graphed



solution where they are both simultaneous

For a system of inequalities to be graphed you have to think about what each equation would look like, but only the parts that overlap will be the answer as you see on the right.

Graph the solution to ...

$$\begin{cases} y > x - 2 \\ y \leq x + 1 \end{cases}$$

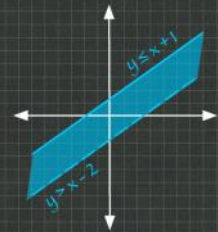
Next

Click here to check your answer.

Graph the solution to ...

$$\begin{cases} y > x - 2 \\ y \leq x + 1 \end{cases}$$

Next



Congratulations!
You have completed
this topic

Give us feedback about
this lesson if you wish...

