Homework 2.2 Modeling Linear Inequalities

Graph the following linear inequalities using a number line and coordinate plane representations.

1. $y \le -2$ 2. x > 2 3. $-2 \le y$ 4. 5 > x

[Number Line Representation]



This was created by Keenan Xavier Lee - 2015. See my website for more information, lee-apcalculus.weebly.com

13. $y < \frac{5}{3}x$



[Analytic Representation]

Some example points of solutions are:

[Verbal Representation]



14. $y > -\frac{1}{3}x + 3$

[Graphical Representation]



[Analytic Representation]

Some example points of solutions are:

[Verbal Representation]



[Graphical Representation]



[Analytic Representation]

Some example points of solutions are:

[Verbal Representation]



This was created by Keenan Xavier Lee - 2015. See my website for more information, lee-apcalculus.weebly.com