



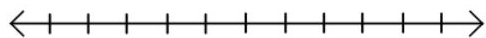
## How to plot inequalities on a number line

First attempt this problem on your own. Then watch the video and copy his notes.

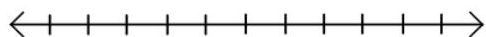
- *Graph the given inequality on a number line.*

Your attempt:

$$c \leq 1500$$

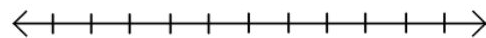


$$c < 1500$$

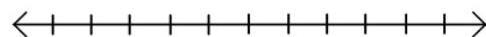


Video Notes:

$$c \leq 1500$$



$$c < 1500$$

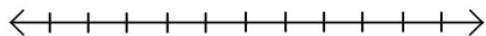


## Example of plotting a simple inequality on a number line

First attempt this problem on your own. Then watch the video and copy his notes.

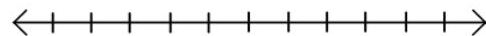
Your attempt:

Graph  $x < 4$



Video Notes:

Graph  $x < 4$



## Khan Activity: Inequalities on a Number Line

Complete this activity on Khan.

### Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
  - a. Writing Numerical Inequalities
  - b. Writing Inequalities to Describe Real-World Situations
  - c. Inequalities on a Number Line