

INEQUALITY CUT & PASTE

Cut the cards apart. Then match each problem with its solution and number line representation.
Glue the cards to the appropriate spot, but be careful because not all cards will be used.

PROBLEM	SOLUTION	NUMBER LINE
$6x > 30$		
The class must be less than 32 students. If there are currently 21, how many students can be enrolled?		
An English essay must have greater than 250 words. Marco wrote 172, how many more words does he need to write?		
$x - 7 < 29$		
Mia would like to buy popcorn for \$5 per bag. If she has \$25, what is the greatest number of bags she can buy?		

PROBLEM**SOLUTION****NUMBER LINE**

$$\frac{x}{8} > 9$$

$$15 + x > 26$$

Mikey would like to save more than \$200 for a new bike. If he earns \$25 per week, how many weeks until he can buy the bike?

$$3x < 45$$

A football team must have under 75 players. If there are 34 seniors on the team, how many junior positions are available?

write your own