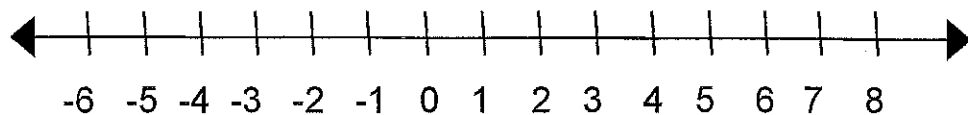


Math 7 Solving and Graphing Inequalities Homework

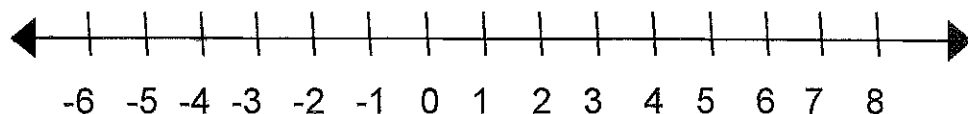
Name \_\_\_\_\_

Date \_\_\_\_\_

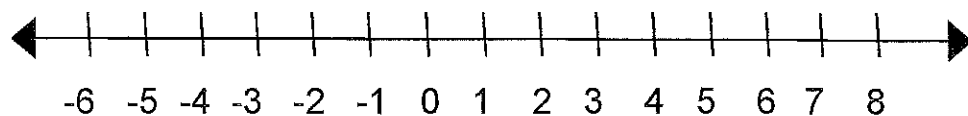
1)  $j < 5$



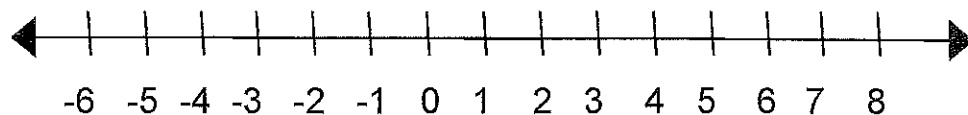
2)  $z + 7 \leq 4$



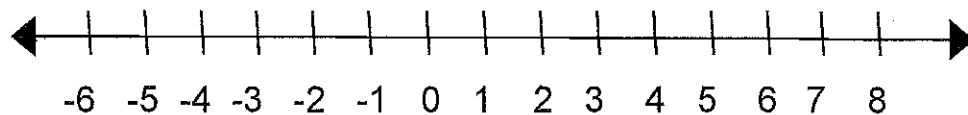
3)  $6g > -36$



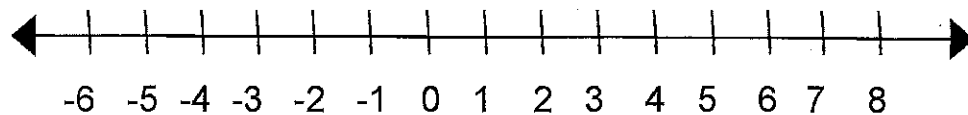
4)  $7X + 8 > 36$



5)  $-4 \geq \frac{r}{4} - 3$



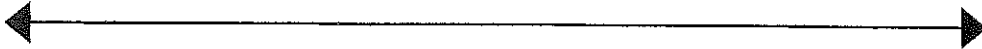
6)  $7(x - 12) \leq -98$



Math 7/8: Applying Solving Inequalities to Word Problems Homework

Name \_\_\_\_\_

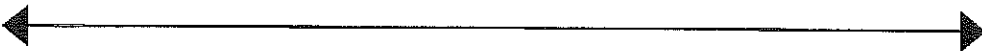
- 1) The sum of four consecutive odd integers is equal to 320. Set up an equation and find the values for these four odd numbers.



- 2) The cost of making a phone call is \$0.40 plus \$0.07 for each additional minute. Find the number of minutes you can talk for \$2.00 or less.



- 3) A shipping company charges \$3.50 plus 55 cents per lb to send packages. What is the largest weight package that can be sent for no more than \$25.00?



- 4) Fiona wants to earn at least \$30 this week. Her mother said that she can earn \$8.00 for organizing the pantry, and \$3.50 per hour for babysitting. Set up and solve an inequality to find out how many hours Fiona needs to babysit to earn at least \$30.



- 5) Jim has the following test grades this quarter: 85, 74, 82, 89, and 94. What must Jim get on the next test to ensure that test average will be at an 86?

