

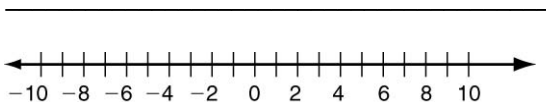
LESSON
2-2

Practice A

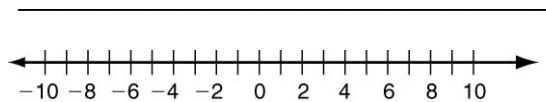
Solving Inequalities by Adding or Subtracting

Solve each inequality and graph the solutions.

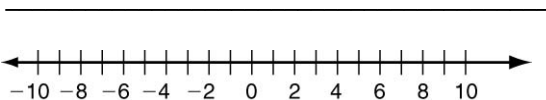
1. $t - 3 > 5$



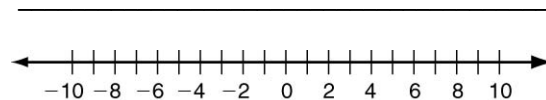
2. $x + 7 \geq 0$



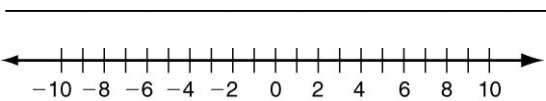
3. $4 \leq p - 1$



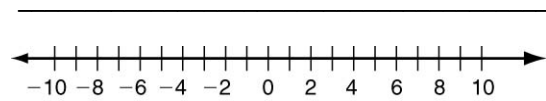
4. $m + 15 > 6$



5. $-8 \geq w - 11$

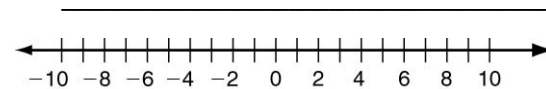


6. $-5 + g > -5$



Answer each question.

7. Joy wants to save at least \$40 for her trip to the amusement park. So far, she has \$32. She plans to save d more dollars. Write, solve, and graph an inequality to show the values of d that will allow Joy to meet her goal.



8. Penelope's MP3 player has 20 megabytes of memory. She has already downloaded 11 megabytes. She will continue to download m more megabytes. Write and solve an inequality that shows all the values of m that Penelope can download to her MP3 player.

9. Roy works more than 30 hours each week. He has worked 17 hours already. Write and solve an inequality that shows the numbers of hours h that Roy has left to work.
