

LESSON **Practice B**
3-2 Solving Inequalities by Adding or Subtracting

Solve each inequality and graph the solutions.

1. $b + 8 > 15$



2. $t - 5 \geq -2$



3. $-4 + x \geq 1$



4. $g + 8 < 2$



5. $-9 \geq m - 9$

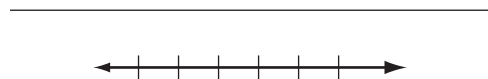


6. $15 > d + 19$



Answer each question.

7. Jessica makes overtime pay when she works more than 40 hours in a week. So far this week she has worked 29 hours. She will continue to work h hours this week. Write, solve, and graph an inequality to show the values of h that will allow Jessica to earn overtime pay.



8. Henry's MP3 player has 512MB of memory. He has already downloaded 287MB and will continue to download m more megabytes. Write and solve an inequality that shows how many more megabytes he can download.



9. Eleanor needs to read at least 97 pages of a book for homework. She has read 34 pages already. Write and solve an inequality that shows how many more pages p she must read.

