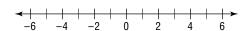
Practice

Student Edition Pages 405–412

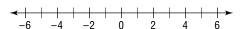
Solving Compound Inequalities

Graph the solution of each compound inequality.

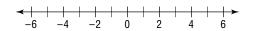
1.
$$b > 3$$
 or $b \le 0$



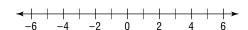
2.
$$x > 0$$
 or $x < 3$



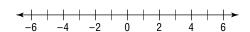
3.
$$y < -2$$
 or $y \ge 2$



4.
$$0 < k < 4$$



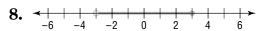
5.
$$-1 \le z \le 5$$



6.
$$e \ge -4$$
 and $e \le 0$

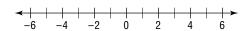


Write a compound inequality for each solution set shown below.

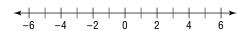


Solve each compound inequality. Then graph the solution set.

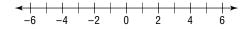
9.
$$c + 2 \le 3$$
 and $4 - c > 2$



10.
$$-n < 2$$
 or $2n - 3 > 5$



11.
$$2x - 1 < -1$$
 or $2x - 1 > 1$



12.
$$0 \ge -1 - z$$
 and $-3 < -2z - 1$