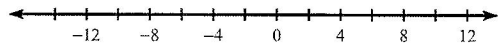


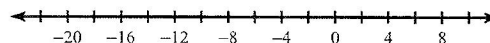
Solving Compound Inequalities

Solve each inequality and graph its solution.

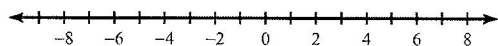
1) $|8 + 8x| \geq 72$



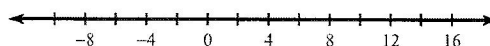
2) $|7 + a| \geq 12$



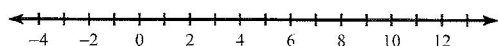
3) $|-9 - 9a| \geq 36$



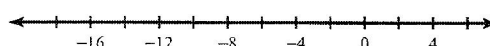
4) $|4n - 10| \leq 50$



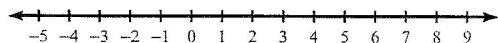
5) $2|x - 5| \geq 10$



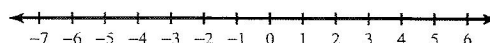
6) $8 + |x + 6| < 19$



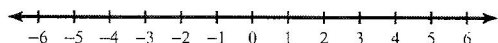
7) $-3 + |5b - 10| > 17$



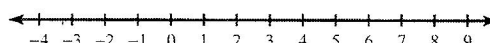
8) $|-5k - 2| - 5 < 23$



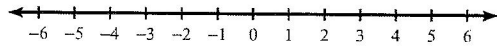
9) $6|-8p| - 4 \geq 92$



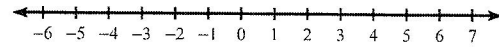
10) $3|n - 2| + 8 < 23$



$$11) 3 - 10|9r| < -87$$



$$12) 2 + 2\left|\frac{k}{10}\right| < 3$$

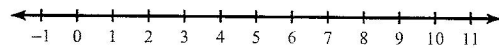


Solve each compound inequality and graph its solution.

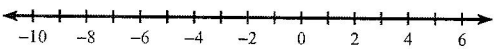
$$13) 9x - 10 \geq -46 \text{ or } 5 - 8x > 69$$



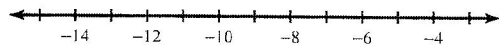
$$14) 5p + 5 > 25 \text{ and } -8p - 1 > -73$$



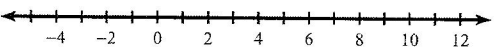
$$15) 9b - 9 < 36 \text{ and } 2b + 4 \geq -10$$



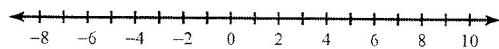
$$16) 4m + 8 \geq -32 \text{ and } 5 + 8m \leq -67$$



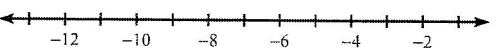
$$17) -6 + 5x \leq 39 \text{ and } 7x - 5 \geq -33$$



$$18) 9r + 7 \leq -29 \text{ or } 4r + 3 \geq 27$$



$$19) -94 < 9v - 4 < -22$$



$$20) -47 \leq 8a + 9 \leq 33$$

