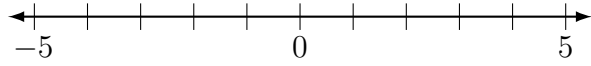


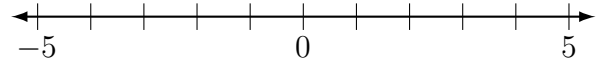
Equations Worksheet 28

Graph each inequality on the number line.

1. $x < -3$



2. $x \geq 5$

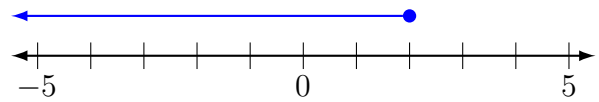


Write an inequality that matches each graph.

3.

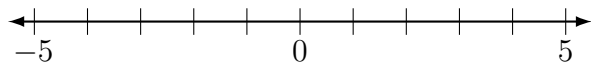


4.

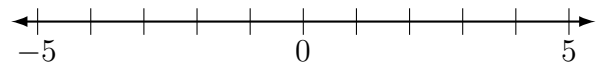


Solve and graph each inequality. Be sure to show your work.

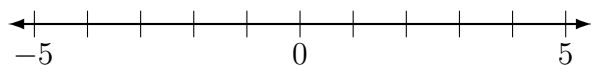
5. $-2x + 4 > 10$



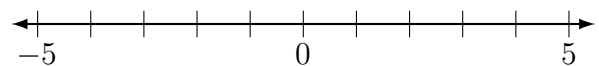
6. $-\frac{2}{3}x \leq -2$



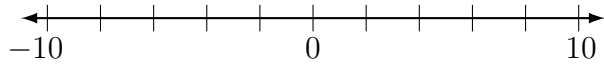
7. $2(x + 4) < 10$



8. $-3x \geq 15 + 2x$



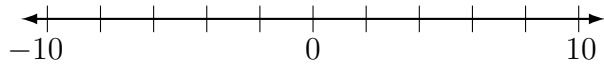
9. $4(2x - 5) > 3x + 10$



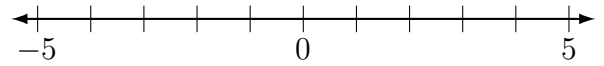
10. $2(4x + 7) < 2x - 4$



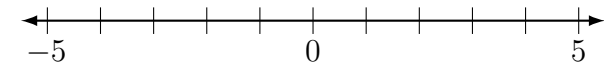
11. $8(x + 3) \geq 12x - 4$



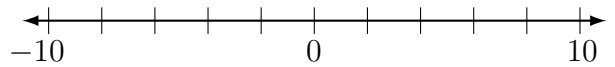
12. $-3(5 - 9x) > 25 + 7x$



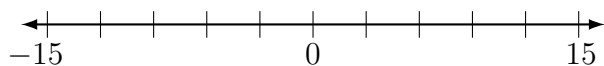
13. $6x + 4 > 5(3x + 8)$



14. $5 - 11x \geq 7(5 - 2x)$



15. $-2(18 - 3x) \leq 7x + 2x$



16. $2(4x - 12) + 3x > 6x + 1$

