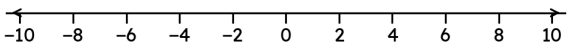
Name: _____ Date: _____

Fresh Math

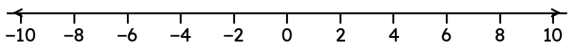
One Step Inequalities - Medium

Solve each inequality. For a sentence, write the inequality first, then solve it. Graph each solution on the number line.

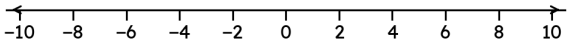
1. $-2y \leq 16$



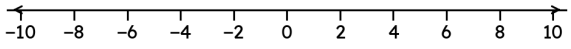
2. $-9y > 45$



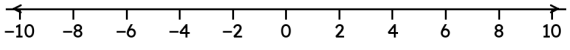
3. $k + 7 \geq 16$



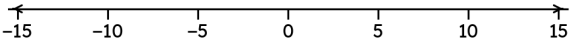
4. $-2x < 8$



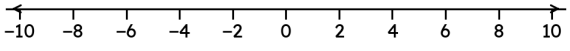
5. $10 + y < 10$



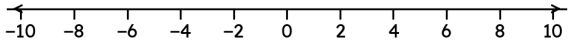
6. $x/2 \geq 5$



7. $6n > -12$



8. $x/3 > -3$



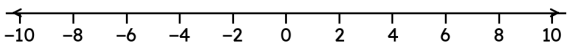
Name: _____ Date: _____

Fresh Math

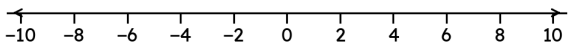
One Step Inequalities - Medium

Solve each inequality. For a sentence, write the inequality first, then solve it. Graph each solution on the number line.

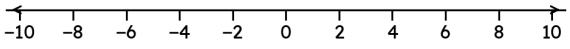
9. $8x \leq -24$



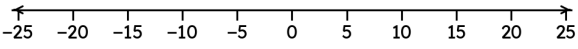
10. $10 + y < 3$



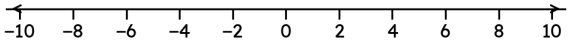
11. $x - 12 < -15$



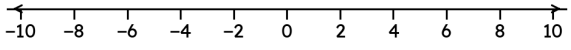
12. $n/(-5) \leq -4$



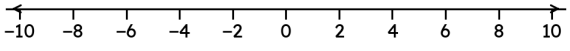
13. 5 times x is no less than -5.



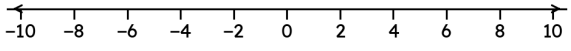
14. $-8x < -40$



15. $n + 2 < -3$

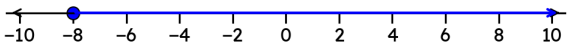


16. $6n \geq 30$



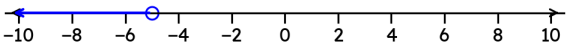
One Step Inequalities - Medium - Answer Key

1. $-2y \leq 16$



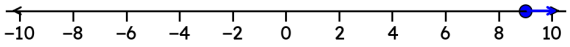
$y \geq -8$

2. $-9y > 45$



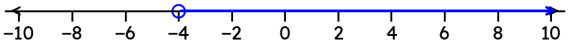
$y < -5$

3. $k + 7 \geq 16$



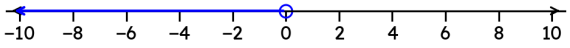
$k \geq 9$

4. $-2x < 8$



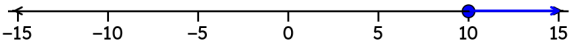
$x > -4$

5. $10 + y < 10$



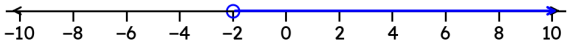
$y < 0$

6. $x/2 \geq 5$



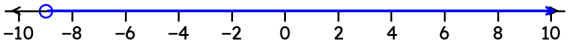
$x \geq 10$

7. $6n > -12$



$n > -2$

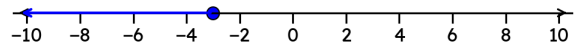
8. $x/3 > -3$



$x > -9$

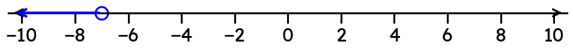
One Step Inequalities - Medium - Answer Key

9. $8x \leq -24$



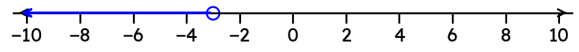
$x \leq -3$

10. $10 + y < 3$



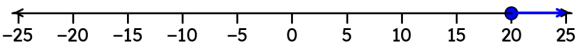
$y < -7$

11. $x - 12 < -15$



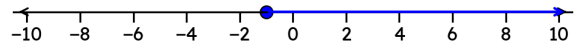
$x < -3$

12. $n/(-5) \leq -4$



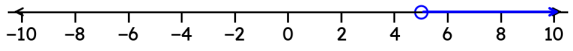
$n \geq 20$

13. 5 times x is no less than -5.



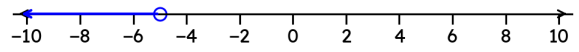
$x \geq -1$

14. $-8x < -40$



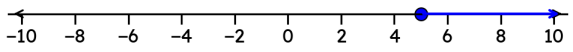
$x > 5$

15. $n + 2 < -3$



$n < -5$

16. $6n \geq 30$



$n \geq 5$