

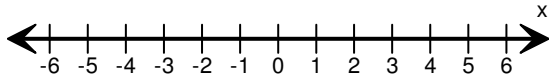
Name: \_\_\_\_\_

Score: \_\_\_\_\_

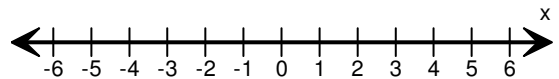
**Two-step Inequalities**

Solve each inequality and graph the solutions:

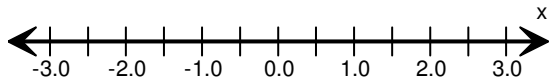
1)  $21x + 45 > 3$



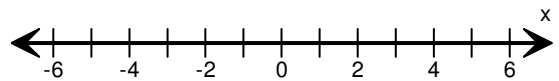
2)  $2 \leq \frac{x}{3} + 1$



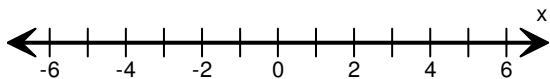
3)  $\frac{3}{4} \geq \frac{x-1}{2}$



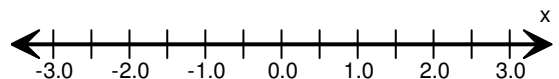
4)  $15 < 8x - 1$



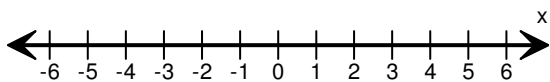
5)  $3x - 7 < -1$



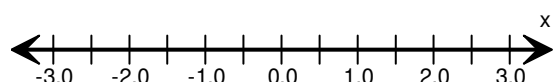
6)  $x + \frac{3}{2} \leq 1$



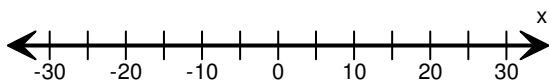
7)  $x + \frac{1}{2} > \frac{3}{2}$



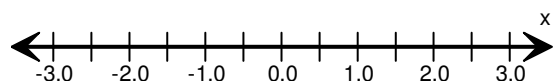
8)  $\frac{x}{3} + \frac{5}{2} \geq 2$



9)  $\frac{x+1}{3} \leq 2$



10)  $7x + \frac{1}{2} \geq -3$

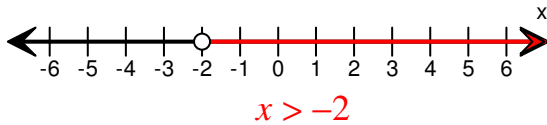


Name: \_\_\_\_\_

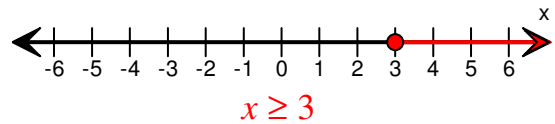
Score: \_\_\_\_\_

## Answers:

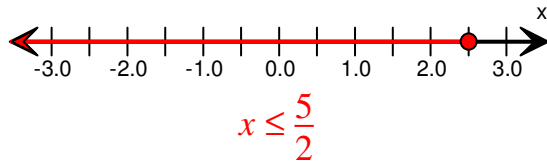
1)  $21x + 45 > 3$



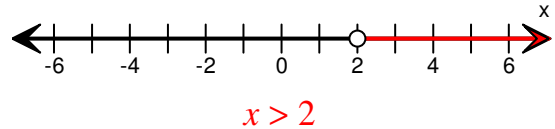
2)  $2 \leq \frac{x}{3} + 1$



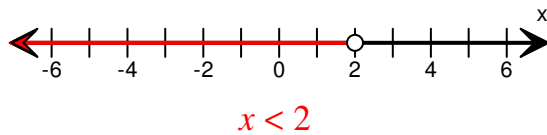
3)  $\frac{3}{4} \geq \frac{x-1}{2}$



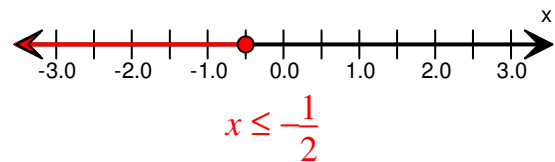
4)  $15 < 8x - 1$



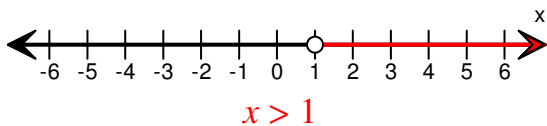
5)  $3x - 7 < -1$



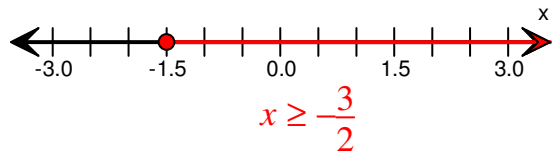
6)  $x + \frac{3}{2} \leq 1$



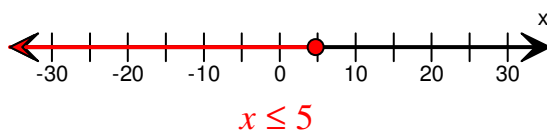
7)  $x + \frac{1}{2} > \frac{3}{2}$



8)  $\frac{x}{3} + \frac{5}{2} \geq 2$



9)  $\frac{x+1}{3} \leq 2$



10)  $7x + \frac{1}{2} \geq -3$

