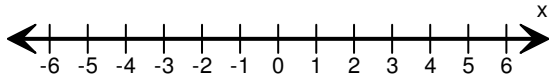


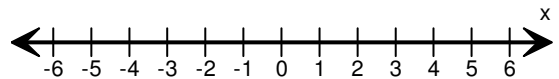
Two-step Inequalities

Solve each inequality and graph the solutions:

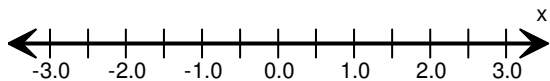
1) $21x + 45 > 3$



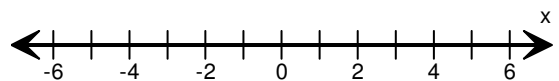
2) $2 \leq \frac{x}{3} + 1$



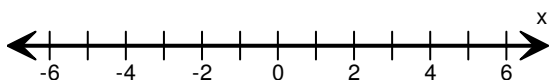
3) $\frac{3}{4} \geq \frac{x-1}{2}$



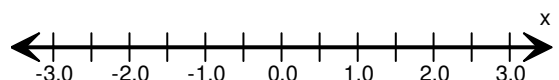
4) $15 < 8x - 1$



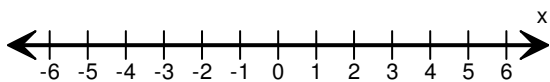
5) $3x - 7 < -1$



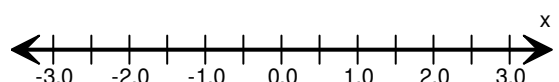
6) $x + \frac{3}{2} \leq 1$



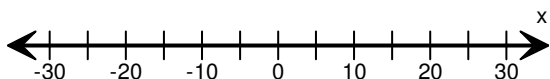
7) $x + \frac{1}{2} > \frac{3}{2}$



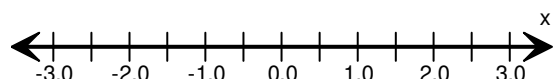
8) $\frac{x}{3} + \frac{5}{2} \geq 2$



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

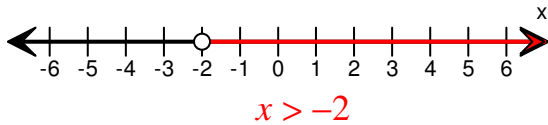


10) $7x + \frac{1}{2} \geq -3$

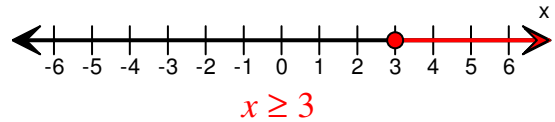


Answers:

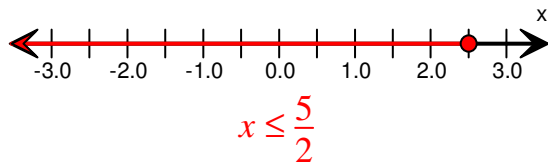
1) $21x + 45 > 3$



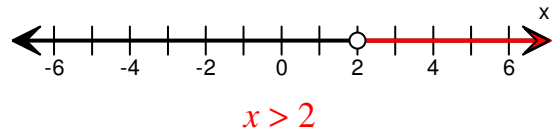
2) $2 \leq \frac{x}{3} + 1$



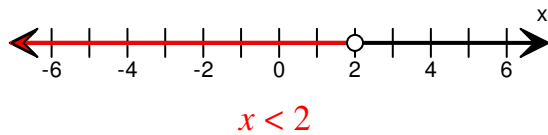
3) $\frac{3}{4} \geq \frac{x-1}{2}$



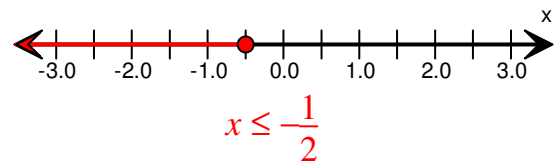
4) $15 < 8x - 1$



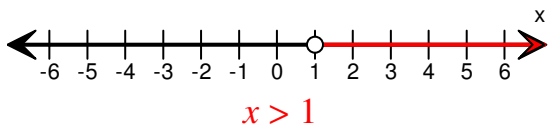
5) $3x - 7 < -1$



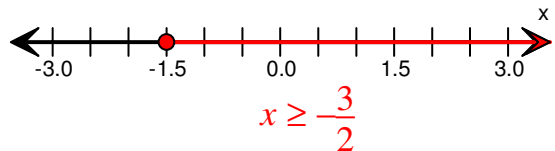
6) $x + \frac{3}{2} \leq 1$



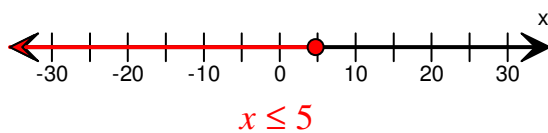
7) $x + \frac{1}{2} > \frac{3}{2}$



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



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



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

