

Solving Two-Step Inequalities #1



Solve each inequality. Then graph the solution set on the number line.

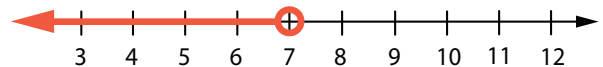
1 $2y + 4 > 10$

$y > 3$



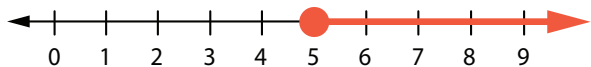
2 $6x - 12 < 30$

$x < 7$



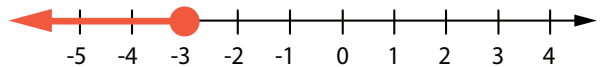
3 $5t - 6 \geq 19$

$t \geq 5$



4 $4r + 7 \leq -5$

$r \leq -3$



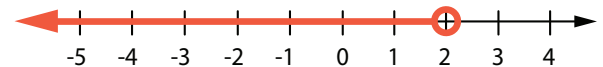
5 $-7w + 4 < 18$

$w > -2$



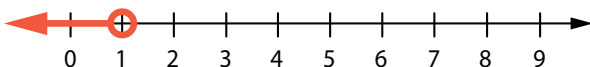
6 $-15m - 30 > -60$

$m < 2$



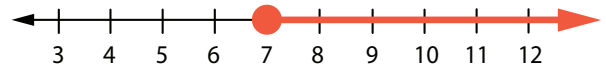
7 $1.75k + 1.25 < 3$

$k < 1$



8 $-1.25j + 6.5 \leq -2.25$

$j \geq 7$



9 $2h - 2\frac{1}{2} \geq 14$

$h \geq 8\frac{1}{4}$



10 $\frac{1}{3}n - 2\frac{1}{2} > -5$

$n > -7\frac{1}{2}$

