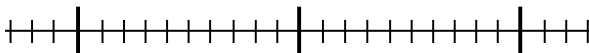


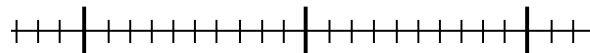
Inequalities Worksheet

1 a. Solve, and plot the solution set.



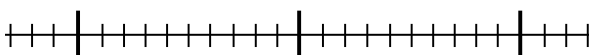
$$1 + r > -7 \cdot 6$$

1 b. Solve, and plot the solution set.



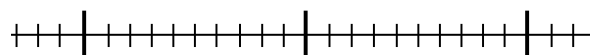
$$g - (-5) \leq -9$$

2 a. Solve, and plot the solution set.



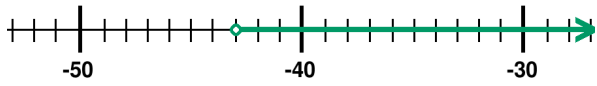
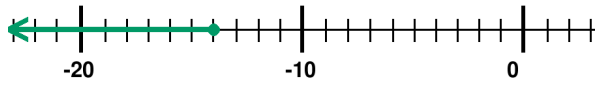
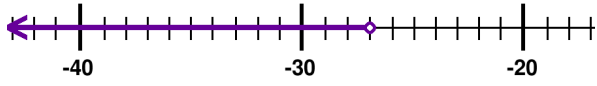
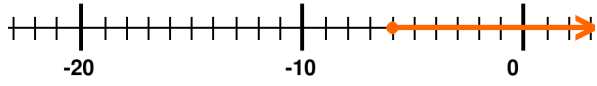
$$-7 - t > 8 - (-12)$$

2 b. Solve, and plot the solution set.



$$-12 - (-11) \leq \frac{v}{6}$$

Answer Key

<p>1 a.  A number line with major tick marks at -50, -40, and -30. A green line starts with an open circle at -43 and extends to the right with an arrowhead.</p> <p>$r > -43$</p>	<p>1 b.  A number line with major tick marks at -20, -10, and 0. A green line starts with a closed circle at -14 and extends to the left with an arrowhead.</p> <p>$g \leq -14$</p>
<p>2 a.  A number line with major tick marks at -40, -30, and -20. A purple line starts with an open circle at -27 and extends to the left with an arrowhead.</p> <p>$t < -27$</p>	<p>2 b.  A number line with major tick marks at -20, -10, and 0. An orange line starts with a closed circle at -6 and extends to the right with an arrowhead.</p> <p>$v \geq -6$</p>