

## Inequalities Worksheet

**1 a.** Solve.

$$b - (-12) \leq 12$$

**1 b.** Solve.

$$-11 - 0 < 9 - x$$

**2 a.** Solve.

$$6 \geq -3 + a$$

**2 b.** Solve.

$$2k + 9k > 8$$

**3 a.** Solve.

$$r - (-10) \leq -8$$

**3 b.** Solve.

$$-9 + c \geq -12 + 10$$

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

## Answer Key

<b>1 a.</b> $b \leq 0$	<b>1 b.</b> $x < 20$
<b>2 a.</b> $a \leq 9$	<b>2 b.</b> $k > 8/11$
<b>3 a.</b> $r \leq -18$	<b>3 b.</b> $c \geq 7$