

Inequalities Worksheet

1 a. Solve.

$$7z + 3 < -10 + 4(z - 11)$$

1 b. Solve.

$$\frac{b + 5}{1} + 8 \leq \frac{7b}{-6}$$

2 a. Solve.

$$9(v + 9) - 6v \geq -4$$

2 b. Solve.

$$-8(k + 6) - 4 > 3k - 7$$

Name: _____ Date: _____

Answer Key

1 a. $z < -19$	1 b. $b \leq -6$
2 a. $v \geq -8 \frac{7}{9}$	2 b. $k < -4 \frac{1}{11}$