

Inequalities Worksheet

1 a. Solve.

$$\frac{y+7}{-1} - 7 \leq \frac{-5y}{11}$$

1 b. Solve.

$$-6(r-5) + 9 > -9r - 9$$

2 a. Solve.

$$3y + 6 < 4 - 4(y - 10)$$

2 b. Solve.

$$7 \cdot 0 > 8(d + 9)$$

Name: _____ Date: _____

Answer Key

1 a. $y \geq -25 \frac{2}{3}$	1 b. $r > -16$
2 a. $y < 5 \frac{3}{7}$	2 b. $d < -9$