

Math 99 Worksheet #3
April 20, 2007

1. Solve the following compound inequalities.

(a) $3x - 3 < 7 + x$ and $5 - x \geq 2$

(b) $-2y + 6 > 4$ or $y - 1 < 11$

(c) $t + 8 \geq 11$ and $3t - 4 < 2$

(d) $3m - 4 > 5m + 6$ or $m > -7$

2. Solve the following absolute value equations and inequalities.

(a) $|4x - 5| = 17$

(b) $|3t + 1| > 25$

(c) $|-2r - 4| \leq 8$

(d) $|3s + 2| \geq -2$