

# Solving Inequalities Worksheet

## *Less Than Perfect*

Solve the following inequalities.

1.  $-11x < 121$

6.  $4(x + 2(1 - x) + 4) \geq 8$

2.  $3(x + 2) - 2x \leq 4$

7.  $5(z + 4(1 - z) + 6) > 9$

3.  $4y - 2 \leq 60$

8.  $3t - 4(2 - 4t) \leq 2(1 + 11t)$

4.  $2z > 5 - z$

9.  $3(x + 2) - 4(x - 4) \leq 9$

5.  $4(u - 8) - 4 > 36$

10.  $6(y - 9) + 4(y + 8) \geq 42$

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