

Name \_\_\_\_\_

## Two-Step Inequalities Worksheet 2

Solve each inequality.

1.  $5x + 2 > 27$

2.  $12 + 3b < 36$

3.  $-8y - 4 \leq 68$

4.  $\frac{m}{-11} + 5 \geq 13$

5.  $9h + 13 < -14$

6.  $25 < 15x - 5$

7.  $12k - 20 \geq 112$

8.  $46 - \frac{x}{2} \geq 16$

9.  $14 - f > 86$

10.  $-30 > \frac{n}{9} - 18$

11.  $\frac{r}{-4} + 3 \leq 11$

12.  $52 - 10k \leq -38$

13.  $-7w + 17 < 3$

14.  $-4w + 12 < -32$

15.  $\frac{d}{5} + 36 > 29$

16.  $\frac{h}{7} - 13 < -8$

17.  $64 - 6n \leq -8$

18.  $-55 \geq 7v - 27$

19.  $\frac{x}{4} - 11 \geq -15$

20.  $6y - 19 > 5$

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## Two-Step Inequalities Worksheet 2 Answers

Solve each inequality.

1.  $5x + 2 > 27$   
 $x > 5$

2.  $12 + 3b < 36$   
 $b < 8$

3.  $-8y - 4 \leq 68$   
 $y \geq -9$

4.  $\frac{m}{-11} + 5 \geq 13$   
 $m \leq -88$

5.  $9h + 13 < -14$   
 $h < -3$

6.  $25 < 15x - 5$   
 $x > 2$

7.  $12k - 20 \geq 112$   
 $k \geq 11$

8.  $46 - \frac{x}{2} \geq 16$   
 $x \leq 60$

9.  $14 - f > 86$   
 $f < -72$

10.  $-30 > \frac{n}{9} - 18$   
 $n < -108$

11.  $\frac{r}{-4} + 3 \leq 11$   
 $r \geq -32$

12.  $52 - 10k \leq -38$   
 $k \geq 9$

13.  $-7w + 17 < 3$   
 $w > 2$

14.  $-4w + 12 < -32$   
 $w > 11$

15.  $\frac{d}{5} + 36 > 29$   
 $d > -35$

16.  $\frac{h}{7} - 13 < -8$   
 $h < 35$

17.  $64 - 6n \leq -8$   
 $n \geq 12$

18.  $-55 \geq 7v - 27$   
 $v \leq -4$

19.  $\frac{x}{4} - 11 \geq -15$   
 $x \geq -16$

20.  $6y - 19 > 5$   
 $y > 4$