

Two-step inequalities

NAME	DATE	SCORE / 16
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Solve each inequality.

1 $-3y - 14 \leq -20$ _____

2 $9n + 5 < -49$ _____

3 $3m - 7 > 17$ _____

4 $6y + 8 > 20$ _____

5 $8x + 5 < 77$ _____

6 $-2m + 10 < 16$ _____

7 $-3x - 13 > -28$ _____

8 $7x - 4 > -39$ _____

9 $7x - 11 \leq 24$ _____

10 $-6n - 7 < -55$ _____

11 $-3y - 2 < -11$ _____

12 $-6m + 3 \geq -51$ _____

13 $5x + 3 \geq 48$ _____

14 $-6y - 3 \geq 33$ _____

15 $7y - 13 \geq 1$ _____

16 $-3x + 7 < 19$ _____

Two-step inequalities

1

$-3y - 14 \leq -20 \quad y \geq 2$

4

$6y + 8 > 20 \quad y > 2$

7

$-3x - 13 > -28 \quad x < 5$

10

$-6n - 7 < -55 \quad n > 8$

13

$5x + 3 \geq 48 \quad x \geq 9$

16

$-3x + 7 < 19 \quad x > -4$

2

$9n + 5 < -49 \quad n < -6$

5

$8x + 5 < 77 \quad x < 9$

8

$7x - 4 > -39 \quad x > -5$

11

$-3y - 2 < -11 \quad y > 3$

14

$-6y - 3 \geq 33 \quad y \leq -6$

3

$3m - 7 > 17 \quad m > 8$

6

$-2m + 10 < 16 \quad m > -3$

9

$7x - 11 \leq 24 \quad x \leq 5$

12

$-6m + 3 \geq -51 \quad m \leq 9$

15

$7y - 13 \geq 1 \quad y \geq 2$
