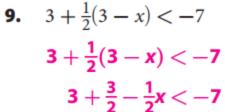
- **7.** 3(x-2) > -3
  - 3x 6 > -3
    - 3x > 3
      - x > 1

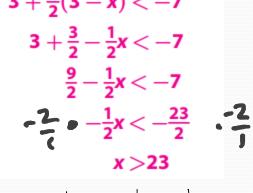
- **8.**  $5 + 5(x + 4) \le 20$ 
  - $5 + 5x + 20 \le 20$  $5x + 25 \le 20$ 
    - 5*x* ≤ −5

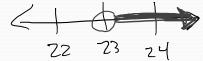
x < -1

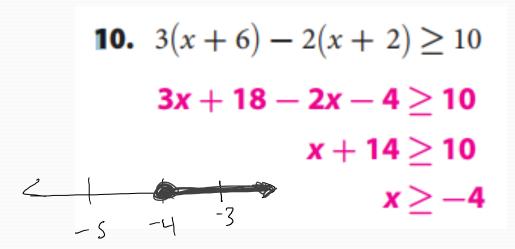


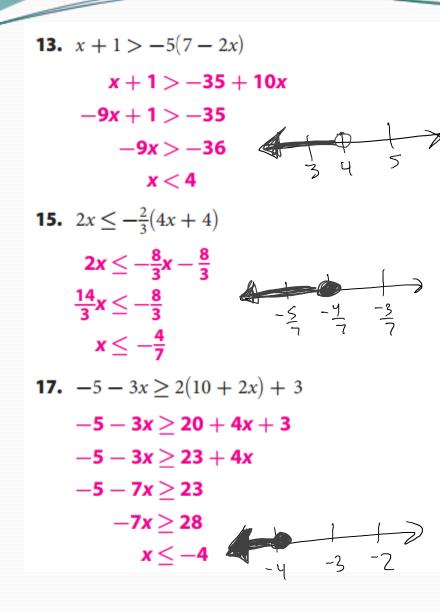


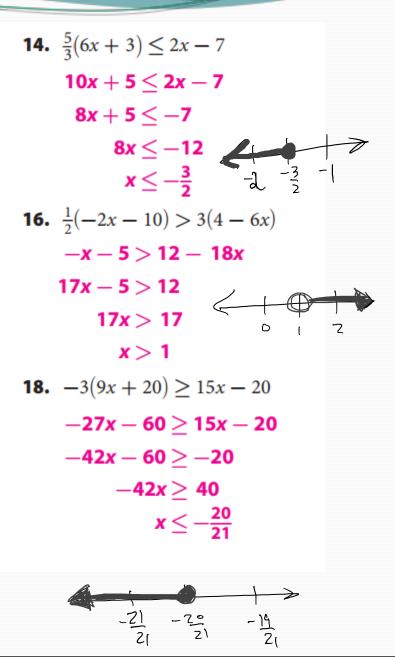












Solve the inequality.  

$$2(3y - 2) - 4 \ge 3(2y + 7)$$

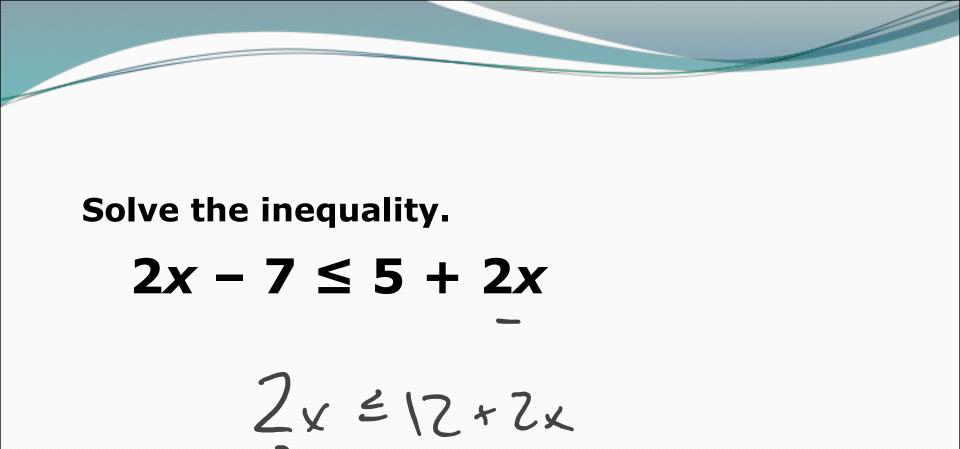
$$6y - 4 \ge 3(2y + 7)$$

$$-6y = 26y + 21$$

$$-6y = -6y$$

$$-8 \ge 21$$

$$N_0 = 50 \ln \pi i n$$



NFINITE SOLUTIONS

-7.x -7x

() 2 2

## Do 19 and 20 with your group.

**19.** 
$$8\left(\frac{1}{4}x - 3\right) + 24 < 4(x + 5)$$
  
 $2x - 24 + 24 < 4x + 20$   
 $2x < 4x + 20$   
 $-2x < 20$   
 $x > -10$ 

20. 6x - 2(x + 2) > 2 - 3(x + 3) 6x - 2x - 4 > 2 - 3x - 9 4x - 4 > -3x - 7 7x - 4 > -7 7x > -3 $x > -\frac{3}{7}$  Task (1-5)

## Homework: Worksheet