**11)** Bayside Insurance offers two health plans. Under plan A, Giselle would have to pay the first $190, plus 40% of the rest. Under plan B, Giselle would pay the first $220, but only 30% of the rest. For what amount of medical bills will plan B save Giselle money? Assume she has over $220 in bills.

Giselle would save with plan B if she had more than $\_\_ in bills. (round to the nearest whole number)

**14)** Solve and graph

-8≤4x+4 and 4x+4<16

The solution is {x \_\_ ≤ x < \_\_}

**15)** Solve:

-6<x+5<10

The solution is {x l \_\_ <x<\_\_}

**16)** Solve

-11 ≤ 4 x -4 ≤ -3

The solution is {x l \_\_ ≤ x ≤ \_\_}

(Type an integer or a fraction)

**18)** Solve and graph the compound inequality.

X + 11 < -6 or x + 11 > 1

The solution of the compound inequality is

{x l x < \_\_ or x > \_\_}

**19)** Solve the compound inequality.

2x -5 ≤ -4 or 2x -5 ≥ 4

6 6

The solution of the compound inequality is

{x l x ≤ \_\_ or x ≥ \_\_}

**22)** Graph the inequality on a plane.

y > 2x

**24)**  Graph the inequality on a plane.

8x -7 ≤ 15x + y

**27)** Graph the system of inequalities.

y ≥ -3

x ≥ 4

28) Graph the system of inequalities.

x + 3y ≤ 9,

3x + y ≤ 9,

x ≥ 0,

y ≥ 0