Algebra 1

5.5 Standard Form Worksheet

Find the x and y intercepts of the graph of each equation.

1.) \( x + y = -3 \)
2.) \( 2x - 4y = -8 \)

Graph each equation using x and y intercepts, on GRAPH PAPER!!

3.) \( 3x + y = -2 \)
4.) \( -2x + y = 1 \)
5.) \( x - y = 4 \)

6.) \( -6x + y = -4 \)
7.) \( 2x - 3y = -6 \)
8.) \( 6x + 8y = 24 \)

Graph each equation, on GRAPH PAPER!!!!

9.) \( x = -5 \)
10.) \( y = 6 \)

Write each equation in standard form.

11.) \( y = x + 6 \)
12.) \( y + 5 = -(x + 3) \)

13.) You work two jobs. At the first job, you earn $10 per hour. At the second job, you earn $12 per hour. You earned $440 last week. Write and graph an equation that represents this situation.