Alg 1 H   Extra Practice Term 2   61 points total

Show all of your work on loose-leaf, and complete #s 1 and 24 on graph paper. Problems should be organized and in order, and should be done in a clear manner. I will not mark an answer correct unless it has the work to go along with it. DUE NO LATER THAN MONDAY, 2/25 AT THE BEGINNING OF CLASS.

*** PLEASE SEE THE REVERRSE SIDE FOR GENERAL RULES AND GUIDELINES FOR THIS ASSIGNMENT ***

On graph paper, graph the line. Plot at least 3 points. 3 pts

1) $2x - 3y = -3$

Write the slope-intercept form of the equation of the line through the given points. 2 pts each

2) through: $(4, 1)$ and $(4, -1)$

3) through: $(-3, 3)$ and $(0, 4)$

4) through: $(0, -2)$ and $(2, 0)$

5) through: $(2, 4)$ and $(-3, 1)$

Write the slope-intercept form of the equation of the line described. 2 pts each

6) through: $(-5, -3)$, parallel to $5y - x = -20$

7) through: $(-2, 0)$, perp. to $y = -\dfrac{2}{3}x - 5$

Solve each inequality and graph its solution on a number line. 3 pts each

8) $71 < -3(3n + 3) - 7n$

9) $3 - 4(2p + 6) > -77$

10) $-2 > 4(m + 4) - 3(2m + 4)$

11) $6(b - 3) - 6 \geq -6(b - 1) + 7b$

12) $4 + 8a \leq -60$ or $-7a + 9 < -33$

13) $8 + 7k > 71$ or $10k + 4 < -96$

14) $-13 < 5x + 7 \leq 37$

15) $-9 < 7v + 5 \leq 75$

16) $-8\left|p + 3\right| > -72$

17) $8\left|-6 - 7x\right| + 9 \leq 17$

Solve each equation. 2 pts each

18) $6 + \left|-4a - 4\right| = 30$

19) $10\left|8x - 3\right| + 6 = 36$

Solve each system of equations using substitution. 2 pts each

20) $-5x + y = 1$
$-15x + 3y = 3$

21) $6x - y = -24$
$3x - y = -12$

Solve each system of equations using elimination. 2 pts each

22) $-2x - 9y = 9$
$-6x + 2y = -2$

23) $9x - 7y = 7$
$-6x + 2y = 22$

Solve the system of linear inequalities by graphing. (use graph paper) 4 pts

24) $x - y < -2$
$2x + 3y \geq -9$

- They're given no more than once per term
- All work must be shown to receive credit (there are obvious times where work for some steps is not needed. However, if you only provide the answer and there is NO work to accompany it, no credit will be given for that problem)
- All work must be done on notebook paper
- All problems must be completed in order, and work must be neat (if I cannot read it, I cannot grade it)
- Please circle all answers (not required, but this helps me TREMENDOUSLY!! ☺)
- You may write on the extra practice handout itself as much as you please, however it will NOT be looked at when grading the assignment. All answers must be on notebook paper
- When I grade it, I either mark it right or wrong. There is no partial credit given, and I make zero corrections myself
- If you come to me/another teacher/math lab with questions, you cannot ask "how to do the problem". You are to utilize your resources: textbook, notes, internet, etc. to at the very least get a head start on the problems. Questions should be specific to steps within the problems
- You must turn it in at the very beginning of class (on the due date) for it to be considered on time. If it is not turned in on time, you will not get the option to do corrections
- I cannot check your answers before it is submitted
- If you need to stop in with questions, please let me know via email so I am sure to be there

Corrections – OPTIONAL!!

- When you get it back, you have the OPTION to redo the problems you missed to receive up to half credit back for each point missed
  - All corrections must be completed on NEW notebook paper (DO NOT erase/correct the work you did originally)
  - Corrections must consist of you entirely redoing the problem(s) that were incorrect
  - When you submit corrections, they must be stapled to your original work
  - These corrections must be neat and in order just like your original work

Due dates have ZERO exceptions!!! If you turn in your extra practice late the first time, you do not have the option to do corrections. You CANNOT turn in your corrections late. If I do not get corrections from you the day they're due, you will receive your original score.