## Monday, May

➔ **Day 1 (Date:_____)**
- Topic – "*Inequalities"*
- Mini-lesson #1- One step Linear Inequalities **(THE GOLDEN RULE).  Please copy down examples, including the Investigate on page 300.** Copy down both the **Multiplication & Division Pattern.**
- **Complete Handout #1.** Check and correct your answers using the answer key at the back of the classroom. Use pen to mark right or wrong and to **make any corrections**
- **Textbook Questions Pg. 305 #3, 5a, 7ab, 9a & 11a.** Check and correct your answers using the answer key in the back of your textbook. Use pen to mark right or wrong and to **make any corrections.**

➔ **Day 2 (Date:_____)**
- Tidy up the rest of TASK and hand into the grade 9 basket by tomorrow.
- Unit Test Review: Linear Equations & Inequalities.

➔ **Day 3 (Date:_____)**
- **Unit Test #3: Chapter 6: Linear Equations & Inequalities.**

**Please make sure to go through the "Checklist" below before handing in your task!**

| Item | Description | Checklist | Evaluation |
|---|---|---|---|
| 1. Work ethic | Worked quietly and independently without disrupting other students. Stayed on task and used class time effectively.  Points will be deducted if you are not using class time effectively. | | /5 |
| 2. Solving Linear Inequalities | **Mini-Lesson #1: Solving Linear Inequalities by Multiplying & Dividing.** | | /5 |
| | **Complete Handout #1** **Textbook Questions Pg. 305 #3, 5a, 7ab, 9a & 11a** | | /25 |
| | Check each of your answers with those in the answer key.  Incorrect questions must be **redone correctly**.  Ask your teacher for help if you cannot figure out where you made an error.  This is VERY important! | | /5 |
| 3. Math Activity | 1.  Attempt questions from the UNB Math Competition 2.  Play another Math game (Edition 2 or Edition 3) | | /10 |
| 4. Organization of week's work | The student's work is organized; it is easy to follow and text questions/answers are properly numbered and mini-lessons labeled. | | /5 |
| 5. Completion of task | Task was FULLY completed and passed in on or before due date specified. **UNIT TEST #3 is.** | | /5 |
| | | Total: | /60 |

**Please show all work on a separate piece of paper and complete puzzle:**

# Why Did Farmer Jones Keep The Chickens Away From The Other Animals?

Solve any inequality below. CIRCLE the letter next to the correct answer. Write this letter in the box at the bottom of the page that contains the number of that exercise. Keep working and you will discover the answer to the title question. Two of the numbers will not be used.

① $x + 5 > 9$
(N) $x > 4$
(R) $x < 4$

② $3x \le 15$
(S) $x \ge 5$
(L) $x \le 5$

③ $u - 1 \ge {}^-4$
(O) $u \ge {}^-3$
(L) $u \le {}^-3$

④ $6x < 12$
(V) $x > 2$
(U) $x < 2$

⑤ $6x < {}^-12$
(B) $x > {}^-2$
(C) $x < {}^-2$

⑥ $-6x < 12$
(S) $x > {}^-2$
(D) $x < {}^-2$

⑦ ${}^-6x < {}^-12$
(E) $x > 2$
(W) $x < 2$

⑧ $z + 4 > {}^-3$
(G) $z > {}^-7$
(A) $z < {}^-7$

⑨ $m - 12 \le 2$
(S) $m \ge 14$
(K) $m \le 14$

⑩ ${}^-5x > 20$
(D) $x > {}^-4$
(W) $x < {}^-4$

⑪ ${}^-5x > {}^-20$
(T) $x > 4$
(F) $x < 4$

⑫ $x - 10 < {}^-1$
(F) $x > 9$
(N) $x < 9$

⑬ $\tfrac{1}{2}n \ge 15$
(H) $n \ge 30$
(I) $n \le 30$

⑭ $\tfrac{1}{2}n \ge {}^-15$
(E) $n \ge {}^-30$
(M) $n \le {}^-30$

⑮ ${}^-\tfrac{1}{2}n \ge 15$
(R) $n \ge {}^-30$
(U) $n \le {}^-30$

⑯ ${}^-\tfrac{1}{2}n \ge {}^-15$
(I) $n \ge 30$
(U) $n \le 30$

⑰ $x + 15 < 4$
(E) $x > {}^-11$
(A) $x < {}^-11$

⑱ $8x > {}^-56$
(S) $x > {}^-7$
(N) $x < {}^-7$

⑲ $d - 7 \le {}^-16$
(T) $d \ge {}^-9$
(A) $d \le {}^-9$

⑳ $\tfrac{2}{3}x > 8$
(I) $x > 12$
(T) $x < 12$

㉑ ${}^-\tfrac{2}{3}x > 8$
(D) $x > {}^-12$
(G) $x < {}^-12$

㉒ ${}^-2x \le {}^-42$
(P) $x \ge 21$
(X) $x \le 21$

㉓ $t + 13 \ge 30$
(E) $t \ge 17$
(P) $t \le 17$

㉔ $4a \le {}^-20$
(F) $a \ge {}^-5$
(L) $a \le {}^-5$

㉕ ${}^-\tfrac{1}{8}k > {}^-1$
(P) $k > 8$
(C) $k < 8$

| 5 | 13 | 20 | 25 | 9 | 23 | 12 | 6 | 15 | 16 | 3 | 10 | | 11 | 7 | 16 | 2 | 24 | 19 | 1 | 21 | 4 | 17 | 8 | 14 |
|---|----|----|----|---|----|----|---|----|----|---|----|---|----|---|----|---|----|----|---|----|---|----|---|----|
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