**Algebra 1A Lines TEST Practice Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Please show ALL work. Per: \_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_

Box answers that do not have an answer blank.

**Fill in the table, then graph the line.** **Find the slope of each line .Reduce,**

|  |  |  |
| --- | --- | --- |
| **X** |  | **y** |
| –6 |  |  |
| –2 |  |  |
| 0 |  |  |
| 4 |  |  |

**** 1.  **if possible.**

 2. A\_\_\_\_\_\_\_\_

 3. B\_\_\_\_\_\_\_\_

**** 4. C\_\_\_\_\_\_\_\_

5. D\_\_\_\_\_\_\_\_

**Find the slope for the line that**

**passes through the points.**

6. (1, ­­3), (7,8) 7. (–5, –2), (1,–3)

8. (3, -4), (8, 5) 9. (6, 3), (0 , 5)

**Find the slope and y-intercept. Then plot 3 points, graph the line, and label the y-intercept.**

10.  11. 

slope :\_\_\_\_\_\_\_\_ slope :\_\_\_\_\_\_\_\_

y int.: ( 0 , ) y int.: ( 0 , )

12. y = -4x 13. 

slope :\_\_\_\_\_\_\_\_ slope :\_\_\_\_\_\_\_\_

 y int.: ( 0 , ) y int.: ( 0 , )

**Write the equation of the line in slope-intercept form (y = mx + b), then graph the line.**

14. 8x + 2y = -10 15. –x +7y = 14

Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. 4x + 8y = -8 17. 5x – 2y = -10

Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write the equation of the line shown in slope-intercept form.**

18. 19. 20.

Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Eqn.\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Extra Credit.

Write the equation of the line used to fill in the table of values.

Eq.\_\_\_\_\_\_\_\_\_\_\_\_

21.State if the line has a **pos(+), neg(-),** or **zero(0)** slope.

Line A:\_\_\_\_\_\_\_\_

Line B:\_\_\_\_\_\_\_\_

Line C:\_\_\_\_\_\_\_\_

Line D:\_\_\_\_\_\_\_\_