Agree/Disagree Reading- Equations of Lines

Put A in the blank if you agree with the statement. Put D if you disagree. After you have answered all the questions, turn the paper over and read the back, then check your answers.

__A___1. Equations of lines have 2 variables.

__D___2. A ordered pair represents a <u>line</u> on a coordinate plane. point

__D___3. The x-axis is the <u>vertical</u> axis. horizontal

__A___4. The x-coordinate comes first in an ordered pair.

__A___5. The slope intercept form of an equation of a line is y=mx+b

__A___6. m represents the steepness of the line.

__A___7. Slope is change in y over change in x……..or rise over run.

__D___8. b is the y intercept or <u>(b,0)</u> (0,b)

__D___9. Parallel lines have the same <u>equations</u>. slope

__A___10. Perpendicular lines have slopes that are negative reciprocals.

__D___11. You need slope and <u>y-intercept</u> to write the equation of a line. or pt.

__A___12. Point slope form of an equations of a line is y-y1 = m(x-x1)

__A___13. If you have a point on the line and the slope, then you can find the equation of a line.

__D___14. If a line is vertical, then the slope is <u>zero</u>. undefined

__A___15. If the equation of a line is y = 5, then the slope is zero.

__D___16. Parallel lines have slopes that are <u>negative reciprocals</u>. same slopes

__A___17. Perpendicular lines have slopes that are negative reciprocals.