Name	: Algebra II Pre-AP/GT Date: Period:
i. Con 1. 2.	A rectangular coordinate system has two real number axes.
3.	In the graph of an ordered pair, the first number is the γ -coordinate and the second number is the x -coordinate.
4.	The solution of an equation with two variables is an ordered pair.
5.	The point $(-2, -4)$ is in the fourth quadrant. Network
6.	In quadrant III, the second coordinate of a point is negative.
7.	A set of ordered pairs is called a function. Sometimet
8.	A function is a relation.
9.	The domain of a function is the set of real numbers. Sometimet
10.	Zero is excluded from the domain of a function. Some time to
11.	f(a) represents a value in the range of a function when a is a value in the domain of the function. Alway:
12.	Two ordered pairs of a function can have the same first coordinate. N - e U e r
13.	The graph of $y = 1/x + 2$ is the graph of a linear function.
14.	The graph of $y - 3 = 0$ is a vertical line. We we have $y = 0$ is a vertical line.
15.	The graph of a straight line crosses the x-axis when $y = 0$. always
16.	The graph of a linear equation is a straight line.
17.	The point at which a line crosses the γ -axis is the x-intercept. Never
18.	$xy + 2 = 0$ is an example of a linear equation. Never γ
19.	The slope of a line that slants downward to the left is positive.
20.	The γ -intercept of a line is the point at which the line crosses the γ -axis. always
21.	The slope of a vertical line is zero.
22.	A line whose slope is undefined is parallel to the y-axis. alwayp
23.	Increasing the value of \widehat{m} in the equation $y = mx + b$ increases the slope of the line that is the graph of the equation. V = -5x + 3 $Adval = 4$
C	ould be thought of The steepner and
1	Wo ditt. Wayp. Sometimet

- 2 4-int Decreasing the value of b in the equation y = mx + b decreases the slope of the line that is the 24. never graph of the equation. The point-slope formula for the equation of a line is $y = m(x - x_1)$. y = 0 kwer. $y = m(x - x_1)$. y = 0 kwer. $y = m(x - x_1)$. Since we have x_1 must have 25. 26. Yr. The line represented by the equation $y = 2x - \frac{1}{2}$ has slope $-\frac{1}{2}$ and x-intercept 2. 27. M = 2If y = mx + b, then *m* represents the rate of change of *y* with respect to *x*. alway 28. A horizontal line has no slope. 29. never 0 Slope Perpendicular lines have the same y-intercept. Some fine of 30. alwand Parallel lines have the same slope. 31. m, * m2=-1 never Two lines are perpendicular if $m_1 * m_2 = 1$ 32. 33. 34. unalegre d It is possible to write a linear inequality in two variables that has no solutions. Never 35. The exponents on the variables in a linear inequality in two variables are 1. always 36. The graph of a linear inequality is a half-plane. aways 37. The graph of a linear inequality in two variables represents a function. Never 38. The solution of a linear inequality in two variables containing \leq or \geq includes the line separating the 39. alward half-planes.
- 40. The solution of the inequality y > x + 2 is all the points above the line y = x + 2.

always