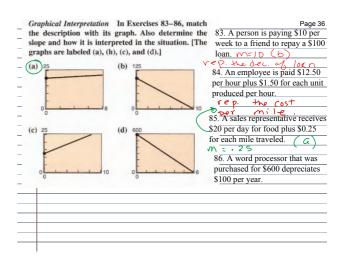
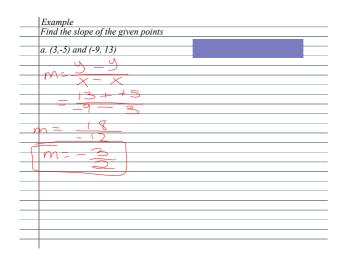
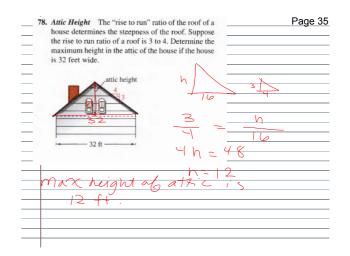
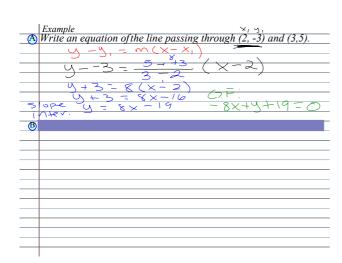
Section P.3	Lines in the Plane
	Given a linear function students will be able to
Objective:	identity/find its slope, x and y intercept and sketch it
	graph. Given a line and a point students will be able to find the line parallel or perpendicular to the line.
	to find the tine paraties or perpendicular to the tine.
	Study Problems page 33
	#5-13 odd, 25-37odd,43-47 odd,
	65.66.96.99-101
	I



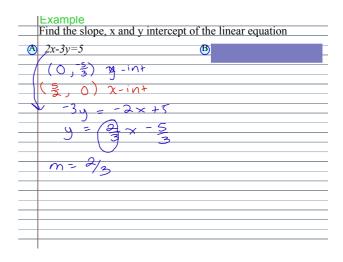






 3. Horizontal line: y = b 4. Slope-intercept form: y = mx + b 5. Point close form: y = x = x(x = x) 	 General form: Vertical line: 	Ax + By + C = 0 $x = a$	
	3. Horizontal line:	y = b	
5 Daint along forms v - v - v/v - v)			
5. Point-slope form: $y - y_1 - m(x - x_1)$	5. Point-slope form:	$y-y_1=m(x-x_1)$	

Example x, y,
Write a linear function that passes thru (-3, 5) and has a
slope of -2.
M U = 52 (X+3)
9-52x-6
$\langle SI \rangle \langle2 \rangle$
(GF) 2x+4+1=0



parallel to x-5y=4 $m = \bot$	y -2 = / (x-5)
m-1	$\frac{3}{9-2} = \frac{1}{2} \times \frac{3}{2}$
	$9 = \pm \times + 1$
	5 × 1
What if it said	
perpendicular, how	
would you find the line	ear
	ear
would you find the line function?	ear

34-	-2×+	.9