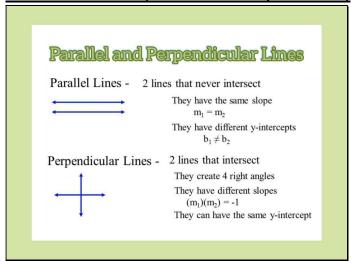
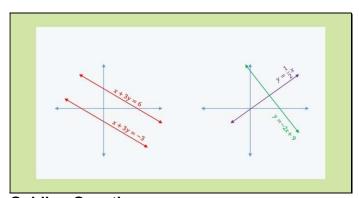


Appendix 3

Jigsaw: Reading materials, Guiding questions, Multiple choices worksheet

Student 1 Material (Parallel and Perpendicular)



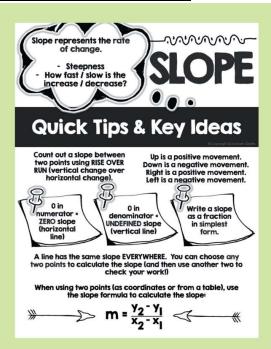


Guiding Questions:

Determine whether the perpendicular or neither.	e graphs of each pair of equations are parallel,
1. y = 3x + 4	2. y = -4x + 1
y = 3x + 7	4y = x + 3
3. y = 2x - 5	4. $y = -1/3x + 2$
y = 5x - 5	y = 3x - 5
5. y = 3/5x - 3	6. y = 4
5y = 3x - 10	4y = 6
7. $y = 7x + 2$	8. $y = 5/6x - 6$
x + 7y = 8	x + 5y = 4



Student 2 Material (Slope)

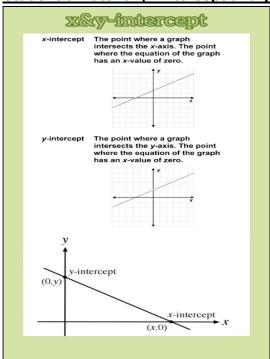


Guiding Questions

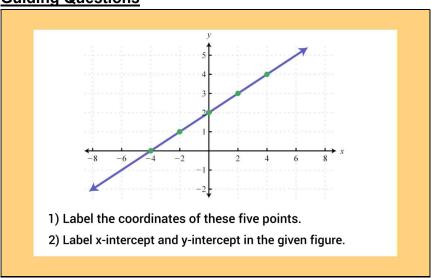
	Slope: Tw	o-Point Fo	rmula Sheet 1
	Example: Find the slope of a line passi Slope = m = $\frac{y_2 - y_1}{x_3 - x_1}$ = $\frac{-2 - 8}{3 - 4} = \frac{-1}{2}$,	oints (4, 8) and (3, –2).
Use	two-point formula method to fir nts.	nd the slope of	a line passing through the give
1)	(-4, 2) and (5, 6)	2)	(5, -5) and (7, 3)
3)	Slope =(2, 1) and (3, -10)	4)	Slope =(3, 9) and (1, 8)
	Slope =		Slope =
5)	(7, 1) and (–2, 3)	6)	(0, -2) and (-6, 4)
7)	Slope = (-8, -5) and (-7, -4)	8)	Slope =(9, 8) and (5, 1)
	Slope =		Slope =



Student 3 Material (x-intercept and y-intercept)



Guiding Questions





Jigsaw Quiz

Jigsaw quiz

Part1: MCQ (20 marks, 4 marks for each)

- 1. For the line 3x 4y 12 = 0, which statement is true?
 - A. The x-intercept is 3 and the y-intercept is 4.
 - B. The x-intercept is 3 and the y-intercept is -4.
 - C. The x-intercept is 4 and the y-intercept is 3.
 - D. The x-intercept is 4 and the y-intercept is -3.
- 2. What are the slope and y-intercept of the relation represented by the equation 10x + 5y - 15 = 0?
 - A. slope: 2, y-intercept: 3
 - B. b. slope: 2, y-intercept: -3
 - C. slope: -2, y-intercept: 3.
 - D. slope: -2, y-intercept: -3
- 3. For the line 4x 3y 12 = 0, which statement is true?
 - A. The x-intercept is 3 and the y-intercept is -4.
 - B. The x-intercept is 3 and the y-intercept is 4.
 - C. The x-intercept is 4 and the y-intercept is -3.
 - D. The x-intercept is 4 and the y-intercept is 3.

- 4. Which two lines are parallel?
 - A. y = 3x + 2
 - y = 2x + 2
 - B. y = 3x 4
 - y = x + 5
 - C. y = x
 - y = 5
 - D. y = 0
 - y = 2
- 5. Identify the pair of perpendicular lines.
 - A. y = 5x + 2
 - y = 5x + 1
 - B. y = 2x + 1
 - y = -2x + 5
 - C. y = 3x + 4
 - $y = \frac{1}{3}x + 6$
 - D. y = 4x + 4
 - y = 4x + 3

Part2: Drawing

Draw the graph by the given linear equations.

