

Name: Langteau		Grading Quarter: 2	Week Beginning: Week 12
School Year: 2024/20205		Subject: Algebra 1	
Monday	Notes:	Objective: Students will understand the concept of intercepts on a graph and identify the x- and y-intercepts of a given linear equation. Lesson Overview: This lesson introduces intercepts, explaining how to find where the graph crosses the x- and y-axes. Students will practice plotting graphs and identifying intercepts from visual data	Academic Standards: A.REI.10 F.IF.4
	Notes:	Objective: Students will learn how to calculate the x- and y-intercepts from a linear equation by setting either x or y to zero. Lesson Overview: The focus shifts to solving equations algebraically to find intercepts. Students will work through several practice problems, gaining proficiency with setting either variable to zero and solving for the intercept.	Academic Standards: A.REI.10 F.IF.4
Tuesday	Notes:	Objective: Students will understand the standard form of a linear equation ($Ax + By = C$) and how to use it to find intercept	Academic Standards: A.REI.10 F.IF.4
	Notes:	Lesson Overview: Students will practice converting linear equations into standard form and learn how to use it efficiently to determine intercepts, comparing the ease of finding intercepts in standard form versus slope-intercept form.	
Wednesday	Notes:	Objective: Students will graph linear equations in standard form using their x- and y-intercepts.	Academic Standards: A.REI.10 F.IF.4
	Notes:	Lesson Overview: This lesson focuses on applying the skills learned. Students will graph lines using their x- and y-intercepts, practicing the step-by-step process of plotting intercepts and drawing the graph.	
Thursday	Notes:	Objective: Students will review key concepts about intercepts and standard form and apply their knowledge to real-world problems.	Academic Standards: A.REI.10 F.IF.4
	Notes:	Lesson Overview: The week culminates in a comprehensive review of all the skills learned. Students will complete a mix of practice problems and real-world applications, using graphs and intercepts to model situations and interpret data.	
Friday	Notes:		
	Notes:		