Name: Langteau			Grading Quarter: 1	Week Beginr Week 9	nning: 9	
School Year: 2024-2025			Subject: Algebra			
	Notes:	Notes: Objective: SWBAT solve proportions by using cross-multiplication and understand the relationship between equivalent ratios. Lesson Overview: Do Now: Quick warm-up on simplifying fractions to activate prior knowledge on ratios. Direct Instruction: Introduce proportions, defining them as two equivalent				
Monday		 ratios. Demonstrate how to solve proportions, defining them as two equivalent ratios. Demonstrate how to solve proportions using cross-multiplication with step-by-step guidance. Guided Practice: Work through a few examples together as a class, showing how to check answers by substituting values into the original proportion. Independent Practice: Students complete a worksheet with proportion problems. These problems will include word problems, helping them connect ratios to real-life scenarios. ALEKS Assignment: Complete 2 ALEKS topics related to proportions and ratios. 				
	Notes:	Objective: SWBAT solve prob	lems involving proportion	ns and percentages	Academic Standards:	
Tuesday		Do Now: Quick rev (students share ex Direct Instruction: proportions can be increase, percent of ALEKS Assignment and related conce	view of proportion conce amples of proportions). Introduce percentage prevised to solve them. Pro decrease, and using prop t: Continue working on 2 pts).	ots from the previous day oblems, showing how vide examples of percent ortions to find percentages. topics in ALEKS (proportions	A-CED.A.1 A-REI.B.3:	

	Notes:	Objective:	Academic
		SWBAT define and identify the domain and range of linear functions.	Standards:
		SWBAT describe the difference between discrete and continuous domains	
		in relation to real-world situations.	
		SWBAT apply the concept of domain and range to graphing linear equation	A-CED.A.2, A-
			REI.D.10
		Lesson Overview:	
٤		Now: Students complete a warm-up to identify input and output in tables	
'ec		to activate prior knowledge of independent and dependent variables.	
Ine			
bsi		Direct Instruction: Introduce domain as the set of input values and range	
ay		as the set of output values, using simple linear equations and graphs to	
		illustrate.	
		Guided Practice: Together, students graph linear equations and identify	
		the domain and range discussing real-world restrictions on these values	
		Independent Practice: Students work on a worksheet to graph linear	
		functions and determine domain and range from both equations and	
		scenarios.	
	Notes:	Objective:	Academic
		SWBAT review and correct proportion problems and use the time to	Standards:
		complete or make up missing assignments for the end of the quarter.	
		Lesson Overview:	A-CED.A.2, A-
			REI.D.10
		Do Now: Reflection on the most challenging part of proportions	
		Review: Go over key concepts from the week, addressing any remaining	
ユ		confusion. Students will work in pairs to correct mistakes and discuss their	
n L		approaches to solving proportion problems. Review question: Identify the	
ps.		domain and range from a simple linear graph (quick check on prior	
ay		understanding).	
		Make-Up work Session: Students will spend time completing missing or	
		and any other assignments they we fallen behind on	
		Independent Practice: For students who are caught up, provide additional	
		challenging problems involving multi-step proportions and percent	
		annlications	
		Exit Ticket: A final check-in asking students to explain how they apply	
		proportions in real life.	
	Notes:	Objective:	Academic
			Standards:
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ric		Lesson Overview:	
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		No School	
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