Math 210 - Dr. Miller - Weekly Assessment #10, Spring 2024 - Due in class Thursday, Apr. 11

Each WA is worth $\underline{10 \text{ points}}$ total. Work right on these pages. You can work together or see a tutor, but NEVER copy. This $\overline{\text{WA}}$ is for a grade, so dishonesty or cutting corners may earn a 0 for all involved.

1. [3 pts] Carefully demonstrate YOUR choice of listing or prime factorization to find both the GCD and LCM (tell which is which) of 45 and 72.

2.	2. [1 pt] Clearly demonstrate the Euclidean Algorithm to find GCD(1350, 5000).	
3.	3. [1 pt] Two numbers have a GCD of 8 and an LCM of 81312. One of the numbers is	968. What is the
	other number? Show work, and clearly indicate your answer.	

	. [1 pt - 0.5 pts] Translate each ratio be "for every" or "out of every."	ociow to a complete, verb		voi obbi e
	(a) A ratio of 1:3 for green hats to	white hats		
	(b) A ratio of 4:5 for female studen	its to students		
5.	. [2 pt - 1 each] Draw and fully label is: part-to-part or part-to-whole.	a rectangle diagram for ϵ	each ratio below, then tel	ll which typ
	(a) A state legislature currently ha ties). What is the ratio of Repu	_	`	er political
	ties). What is the ratio of hept	dolicans to representatives		
	(b) Now complete the sentence bel	low to describe a ratio of	the OTHER type that	is based on
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