KindergartenA34Came up with 5 different combinations, pictures support their reasoning44Came up with 7 different combinations, equations and counting in his brain supports his reasoning thoroughly44C12Came up with one combination, equation of 12+0=12 and using fingers supports reasoning but student receives a 2 instead of a 3 because he couldn't use his tool (fingers) consistently to come up with combinations that add to 121st GradeA11Circled 5 correctly, receives a 1 on Math Practice because, although mathematically incorrect, the student was able to support her reasoning of 1 coming before 2 and validated it using the correct symbol (>) for her reasoningB34Circled 30 and 5 correctly, did not use > to compare 12 and 21. Supported their reasoning with connections to the number of tens and onesC43Circled 30 and 5 correctly, used > to compare 12 and 21. Supported their reasoning with pictures, however did not thoroughly explain which group had moreImage: Compare 1 compare 1 compared their reasoning with pictures, however did not thoroughly explain which group had moreImage: Compared 1 compared their reasoning because one of their	Student	Content Score	Math Practice Score	
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Came up with 7 different combinations, equations and counting in his brain supports his reasoning thoroughly  C	Came up with 5 different combinations, pictures support their reasoning			
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Found 4 combinations, partially supported their reasoning because one of their		2 <sup>nd</sup> Grade		
	A	3	2	
			ng because one of their	
combinations was mathematically incorrect		tically incorrect		
B 2 1	В	2	1	
Found 1 combination, minimally supported their reasoning for the one combination,				
but inaccurately claimed that there was only 1 way.				
C 4 4		4	•	
Found 7 combinations, precisely supported their reasoning stating the connection				
between tens and ones				