

## Item 4

Claim 4  
2.MD.C

SAMPLE	SCORE	RATIONALE
A	1	The student met all of the requirements of this item by creating a schedule that correctly applies the provided information. The student allotted 30 minutes for the first 2 activities, with the time for the final activity being much longer, at 3 hours. The response contains evidence of the student's ability to retrieve information from the context and design a model that satisfies the given constraints. Perhaps this student loves chalk art, or has some personal experience with chalk art requiring a lot of time.
B	1	The student met all of the requirements of this item by creating a schedule that correctly applies the provided information. The student allotted equal time for each station, with each being 1 hour long, and appears to have considered time to transition from one station to the next in the schedule, as the end times and start times are not the same. The response contains evidence of reasoning carefully within the context, and an ability to design a model that satisfies the given constraints.
C	0	The student created a schedule that correctly applies the provided information about the time allotted for each station, however, the schedule does not reflect the requirement that the total time for lunch and break should be 1 hour. The student instead allotted 1 hour for lunch and 10 minutes for the break. Therefore, the response contains evidence of a model that satisfies most, but not all, of the given constraints. All of the given schedule constraints must be satisfied for full credit, so this response receives 0 points.
D	0	The student created a schedule that correctly applies the provided information about the stations. It also appears that the student considered transition times in the schedule, as end times and start times are not the same. However, the student did not meet the requirement that the total time for lunch and break should be 1 hour, allotting more than 1 hour for lunch. Therefore, the response contains evidence of a model that satisfies most, but not all, of the given constraints. Even though the response offers evidence of a very reasonable and thoughtful plan for Art Day, all requirements must be satisfied for full credit.
E	1	The student met all of the requirements of this item by creating a schedule that correctly applies the provided information. Although the student used "a.m." to indicate times through 12:00, the use of a.m. and p.m. in this item is not a focus of the assessment. Therefore, incorrect usage is not penalized.
F	0	This response demonstrates a partial understanding of the problem. The student placed the final end time of 2:00 p.m. as the first station's end time, and then went back in time to 12:20 to begin the break. The student continued to place times in the schedule, but they are not sequential, with the start time for Chalk Art 2.5 hours after the end time. There is just 1 minute for lunch in this schedule. The response earns 0 points.