## SMARTER BALANCED PERFORMANCE TASK

## Item 5

Claim 3

6.RP.3.b SAMPLE $\quad$ sCORE | This response provides evidence of robust mathematical reasoning in context, and could arguably be given |
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| full credit. However, the explanation does not take into consideration Sam's painting rate, or a role for Sam |
| at all. The first part of Sam's claim is, "If we paint together. ..." The student seemed to ignore this premise, |
| which is an important aspect of the situation. |

## Item 5 (continued)

## Claim 3

6.RP.3.b

| SAMPLE SCORE |
| :--- |
| The student demonstrated that Sam is incorrect by focusing on the relevant rates. The response does <br> include mathematical errors: The area covered by "you" in 15 minutes is incorrect ( 30 square feet), and as <br> a result, the statement about the combined painted area is incorrect ( 105 square feet). However, there is <br> strong evidence of reasoning about rates in context, including a clear understanding that in 15 minutes the <br> student alone would have painted 75 square feet, and by working together for 15 minutes, Sam and the <br> student would cover their combined total areas, which is a lot more than the 50 square feet in Sam's claim. |
| The student provided no evidence to explain or support the statement in his/her response. |
| This response provides clear evidence of reasoning successfully about the two different given constant <br> rates. The student used the given painting rates for each person to correctly calculate the square feet each <br> person would cover in 15 minutes. The student would paint 75 square feet in 15 minutes, while Sam would <br> paint 37.5 square feet in the same amount of time. This totals more than the 50 square feet in Sam's claim. |

