## SMARTER BALANCED PERFORMANCE TASK

## Item 4

## Claim 2

FLE.B. 5

SAMPLE SCORE | The student switched the meaning of $k$ and $n$ in the context of the problem. Although the equations and |
| :--- |
| their notations provide clear evidence of a solid understanding of the relationships among the quantities, |
| the statements about $n$ and $k$ are both incorrect, and this response earns 0 points. |

## Item 4 (continued)

## Claim 2

## FLE.B. 5

| SAMPLE | SCORE | RATIONALE |
| :--- | :--- | :--- |

The student identified the meaning of $k$ correctly, and provided two correct statements about what
$n$ represents. The first of these statements, " $n$ is negative," is about the value of $n$, not about what it
represents, but together with the second statement, the response reflects a mathematically accurate
interpretation of $n$ that is connected to the context. Although the response does not mention burn rate or
constant rate explicitly, the final statement reflects the essential idea of a constant rate: the difference in
height after 1 hour of burning. If the student had written "each hour" or "per hour," this response would
have been more clearly deserving of full credit. This one squeaks by.

