Grade 6 / Scoring Key

→ SMARTER BALANCED PERFORMANCE TASK

Picking a Pet

Item 3

Claim 4
4.OA.A

SAMPLE	SCORE	RATIONALE
A	0	This response does not provide a method that meets the two criteria required. While the student does explain why the turtle won, it is unrelated to the prompt and does not indicate a clear comprehension of the mathematical content essential to this problem. There is minimal evidence present to demonstrate relevant reasoning and/or modeling, and this response earns 0 points.
B	1	The student described a method that meets the two criteria: 1st choice is worth 5 points and 2nd choice worth 3 points. However, the method was incorrectly applied to the data from item 1, and no explanation is provided to support the turtle winning. This student has demonstrated only a partial understanding of the mathematical content and practices essential to this item.
C	1	The response presents a method that meets the two criteria but is incorrectly applied to the data. Both 1st and 2nd choice votes for the turtle were doubled. Only 2nd choice votes were doubled for the hamster and goldfish. Due to the incorrect application of the method, the explanation for the turtle winning isn't valid. This response demonstrates a partial understanding of the essential processes it assesses.
D	2	The student described a method that meets the two criteria and explained how the turtle would win using this method. This response provides evidence of clear and effective reasoning about the situation, and earns full credit.
E	0	This student provided a method that allowed the turtle to win (giving him two more points) but it did not meet the design constraints provided in the prompt. This response suggests a misunderstanding of what the prompt is asking for, and there is minimal evidence present to demonstrate the relevant reasoning and/or modeling related to this problem. The response earns 0 points.
F	2	This response includes a method that meets the two criteria and an explanation of how the turtle would win using this method. The student provided additional information about an alternative method that fits the criteria but would have a different resulting winner. The response contains evidence of the student's reasoning and modeling to the full extent expected by this item.
G	1	This response partially meets the requirements of the problem. The student presented a method that meets the two criteria, but the response does not include an explanation or make clear why the turtle would win using this method. The response earns 1 point.
H	0	The student described a method that meets the two criteria, however, the response does not include an explanation about why the turtle would win using this method. This response only partially demonstrates the reasoning and modeling being assessed by this problem.

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Item 3 *(continued)*

Claim 4
4.OA.A

SAMPLE	SCORE	RATIONALE
I	2	This response describes a method that meets the two criteria and explains how the turtle would win using this method. The response provides clear evidence of the student's reasoning and modeling to the full extent expected by this item.
J	2	Although the numbers used are based on an incorrect response to item 1, this response describes a method that meets the two criteria and explains how the turtle would win using this method. The response contains evidence of the student's competence in problem solving and reasoning and modeling to the full extent expected by this item.
K	0	In this response, the student presented data to show how the turtle could win, however he/she did not develop a method that met the two criteria given in the problem. As the explanation for the turtle winning was not based on a method meeting the requirements, it does not demonstrate understanding of the problem solving and modeling assessed by this problem. The response earns 0 points.

Understanding
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