Grade 6 / Scoring Key

Picking a Pet

Item 4

Claim 3
4.OA.A

SAMPLE	SCORE	RATIONALE
A	1	This student disagreed and then provided fictitious votes to show how the goldfish could win, hypothetically. Although the response correctly disagrees, it indicates a misunderstanding of the task. The point system is flawed in that it is based on invented data instead of given data. Still, the response does provide some evidence of claims 3G and 3F, which are assessed by this item; the response earns partial credit.
B	0	The student agreed with the classmate, and provided a rationale that does not clearly support this position and is not articulated enough to fully understand. Rather than assigning different amounts of points to 1st vs. 2nd choice votes, the suggested point system seems to assign different amounts of points to votes for different animals. This is an incorrect scoring method. The response earns 0 points.
C	2	The student disagreed with the claim and explained the reasoning by providing a point system with which the goldfish would win: both 1st and 2nd choice votes are counted, and each vote is worth one point. This would result in the goldfish winning. The response demonstrates understanding of the essential components of this task, and receives full credit.
D	1	This response states agreement with the statement. The explanation suggests a point system that considers both 1st and 2nd choice votes, assigns more points to 1st choice votes than 2nd choice votes, and notes that "the goldfish got less of the first votes which are key to winning." However, the explanation lacks sufficient detail to communicate clear enough support for agreement. The response receives 1 point.
E	2	This response states disagreement, and provides several different point systems to show ways that the goldfish could win. One way is for the 1st and 2nd choice votes to be worth the same number of points; another way is for 1st choice votes to be worth 5 points and 2nd choice votes to be worth 4 points. The explanation includes values and computations that illustrate how the goldfish could win, and demonstrates a robust understanding of the relevant quantitative relationships in this situation. The response receives full credit.
F	1	The student agreed with the classmate, and gave the explanation, "no matter how or what number times it, no matter whether it's 1st choice or 2nd choice, goldfish won't win." The response also includes an example point system where only the 1st choice votes were considered; each 1st choice vote was assigned 4 points. In this example, the goldfish does not win, so the example supports the position taken, however, the explanation is not sufficiently supported by a single example. The response earns 1 point.
G	0	This response includes a statement of disagreement, and indicates a promising focus on the 2nd choice votes; however a scoring method is not described. 0 points.

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