

The following pages include the answer key for all machine-scored items, followed by a sample response for the hand-scored item.

- The rubrics show sample student responses. Student responses other than that shown in the rubric may earn full or partial credit.
- Which responses to hand-scored items receive full or partial credit will be confirmed during range-finding (reviewing sets of real student work).
- If students make a computation error, they can still earn points for reasoning or modeling.

Item Number	Answer Key
1.	B
2.	A
3.	A
4.	A
5.	C
6.	A
7.	A
8.	A
9.	D
10.	Open-Ended

#3 Open Ended

Example Student Response:

Net C removes the most Carp with a budget of \$8,000. Table 1 shows that Net A costs \$10,000, so even though Net A catches the most Carp, it is not within the budget of \$8,000. Table 1 shows that Net C catches a total of 19 Carp versus the total of 16 Carp that Net B catches. Net C catches more Carp than Net B and also catches a higher ratio of the number of Carp to the total number of fish.

1 point: Student identifies that Net C catches the most Carp with a budget of \$8,000.

1 point: Student identifies evidence from Table 1 that supports their identification of Net C. [Note: this evidence should include some mention of the numbers of Carp caught and/or ratios of Carp caught to total fish caught.]

1 point: Student explains some reasoning or understanding that Carp are only one type of a variety of types of fish caught by a net and/or that different nets may have different designs that are better or worse at catching Carp versus other types of fish and/or that a more expensive design is not necessarily a better design for a particular purpose.