

Focus Standards and Claim

Claim 2  
6.SP.B.5

Stimulus

### Picking a Pet

Your class is trying to decide what type of animal to get for the class pet. Your teacher is letting the class vote to choose a goldfish, a turtle, or a hamster as the class pet.

All 20 students in your class voted for both their 1st choice and their 2nd choice for the class pet. The results are shown in Table 1.

**Table 1. Class Pet Votes**

| Student | 1st Choice | 2nd Choice | Student | 1st Choice | 2nd Choice |
|---------|------------|------------|---------|------------|------------|
| 1       | Turtle     | Hamster    | 11      | Turtle     | Hamster    |
| 2       | Goldfish   | Hamster    | 12      | Turtle     | Goldfish   |
| 3       | Goldfish   | Turtle     | 13      | Hamster    | Turtle     |
| 4       | Hamster    | Turtle     | 14      | Hamster    | Goldfish   |
| 5       | Goldfish   | Turtle     | 15      | Turtle     | Goldfish   |
| 6       | Turtle     | Goldfish   | 16      | Goldfish   | Turtle     |
| 7       | Hamster    | Goldfish   | 17      | Turtle     | Goldfish   |
| 8       | Turtle     | Goldfish   | 18      | Turtle     | Goldfish   |
| 9       | Goldfish   | Hamster    | 19      | Turtle     | Hamster    |
| 10      | Goldfish   | Hamster    | 20      | Goldfish   | Hamster    |

Item Prompt

Using the class data shown in **Table 1**, complete the following frequency table.

| Pet      | Total 1st Choice Votes | Total 2nd Choice Votes |
|----------|------------------------|------------------------|
| Goldfish |                        |                        |
| Hamster  |                        |                        |
| Turtle   |                        |                        |

## Sample Responses

Sample  
Response A

| Pet      | Total 1st Choice Votes | Total 2nd Choice Votes |
|----------|------------------------|------------------------|
| Goldfish | 7                      | 8                      |
| Hamster  | 4                      | 7                      |
| Turtle   | 11                     | 5                      |

Sample  
Response B

| Pet      | Total 1st Choice Votes | Total 2nd Choice Votes |
|----------|------------------------|------------------------|
| Goldfish | 5                      | 3                      |
| Hamster  | 2                      | 4                      |
| Turtle   | 3                      | 3                      |

Sample  
Response C

| Pet      | Total 1st Choice Votes | Total 2nd Choice Votes |
|----------|------------------------|------------------------|
| Goldfish | 7                      | 7                      |
| Hamster  | 4                      | 7                      |
| Turtle   | 9                      | 5                      |

Sample  
Response D

| Pet      | Total 1st Choice Votes | Total 2nd Choice Votes |
|----------|------------------------|------------------------|
| Goldfish | 7                      | 8                      |
| Hamster  | 4                      | 7                      |
| Turtle   | 9                      | 5                      |