

Name:

Date:

Performance Task Unit 4: Represent Data

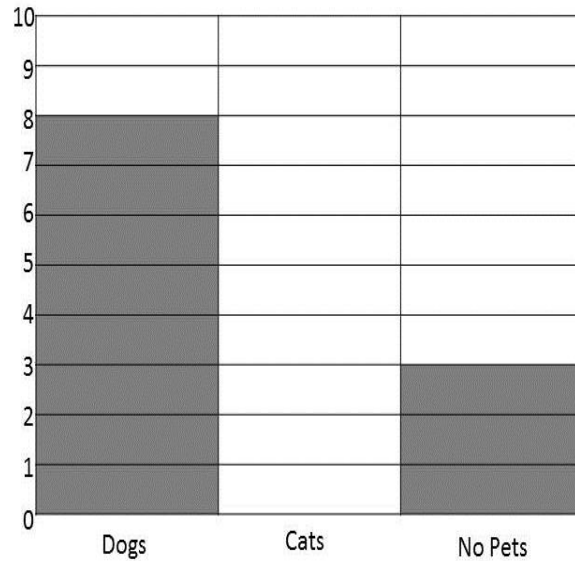
“Our Pets”

Johnny asked his classmates what kinds of pets they have. He made a tally chart to show their answers

Use the information in the tally table above to complete the bar graph to represent the data.

Our Pets

Our Pets	
Dogs	
Cats	
No Pets	



Use your data to answer the following questions.

1. How many dogs and cats do these children have? Show how you know.

2. How many fewer cats than dogs do the students have? Show how you know.

3. How many students are in his class? Show how you know

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Performance Criteria	Possible Points	Notes						
Students were able to use the tally chart to create a graph. 1 point: Student correctly completes the cat section of the graph.	1 point							
Student correctly identifies the total number of dogs and cats. 13 dogs and cats The student shows the strategy they used to find the answer. Possible Strategy: <table border="1" data-bbox="94 701 488 814" style="margin-left: 20px;"> <tr> <td colspan="2" style="text-align: center;">?</td> </tr> <tr> <td style="text-align: center;">8</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">dogs</td> <td style="text-align: center;">cats</td> </tr> </table> $8+5=13$?		8	5	dogs	cats	1 point	
?								
8	5							
dogs	cats							
Student correctly identifies how many fewer cats than dogs. 3 fewer cats The student shows the strategy they used to find the answer. Possible Strategy: <table border="1" data-bbox="94 993 488 1178" style="margin-left: 20px;"> <tr> <td colspan="2" style="text-align: center;">8 dogs</td> </tr> <tr> <td style="text-align: center;">5 cats</td> <td style="text-align: center;">?</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> </table> $8-5=3$ or $5 + ? = 8$	8 dogs		5 cats	?			1 point	
8 dogs								
5 cats	?							
Student correctly identifies how many students in the class. 16 students The student shows the strategy they used to find the answer. Possible Strategy: <table border="1" data-bbox="94 1356 488 1470" style="margin-left: 20px;"> <tr> <td colspan="3" style="text-align: center;">?</td> </tr> <tr> <td style="text-align: center;">8 dogs</td> <td style="text-align: center;">5 cats</td> <td style="text-align: center;">3 no pets</td> </tr> </table> $8+5+3=16$?			8 dogs	5 cats	3 no pets	1 point	
?								
8 dogs	5 cats	3 no pets						
Total Points Earned:								