Item Name:	Pet Dogs
Item Type:	Stand Alone
Subject and/or Course:	Math, Grade 1
Common Core Standards:	1.OA.A.1 – Use addition and subtraction within 20 to solve word problems. 1.NBT.C.4 – adding a two-digit number and a multiple of 10. 1.NBT.B.2.C – understand 10, 20, 30…refer to 1, 2, and 3 tens (with 0 ones) 1.MD.C.4 – interpret data and answer question about how many more or less are in one category than in another. **Mathematical Practices:** MP1: Make sense of problems and persevere is solving them. MP2: Reason abstractly and quantitatively. MP3: Construct viable arguments and critique the reasoning of others. MP6: Attend to precision.
Developer/Source:	Theresa Morris, UL-SCALE, Stanford Graduate School of Education
Item Features:	Administration: On demand / standardized Length of time for response: 1 hour (may be divided over 2 or more class periods) Method of scoring: Point scoring system (0-2 credits per question) Opportunity for student collaboration: None Opportunity for teacher feedback and revision: None

Collection of performance assessment items compiled by

Pet Dogs

Performance Task

Name: _____

Note: Teacher reads the stimulus and questions aloud to the class.

John, Mia, and Ray each own pet dog. Today we are going to answer questions about how much food each dog eats.

Your task is to help the dog owners decide whose dog eats the greatest amount of dog food in one week.

1. Mia's dog eats a total of 3 cups of dog food each day.

   ➢ Mia gave her dog 2 cups of food for breakfast.

   How many more cups of food does her dog need today?

   _____ more cups of dog food.

2. John's dog eats 10 cups of dog food in 1 week.

How many cups of food will his dog eat in 2 weeks?

Use the table to help you.

Week 1	🥄	🥄	🥄	🥄	🥄	🥄	🥄	🥄	🥄	🥄
Week 2										

_____cups

3. The table shows the number of cups of food Ray's dog ate in August and September.

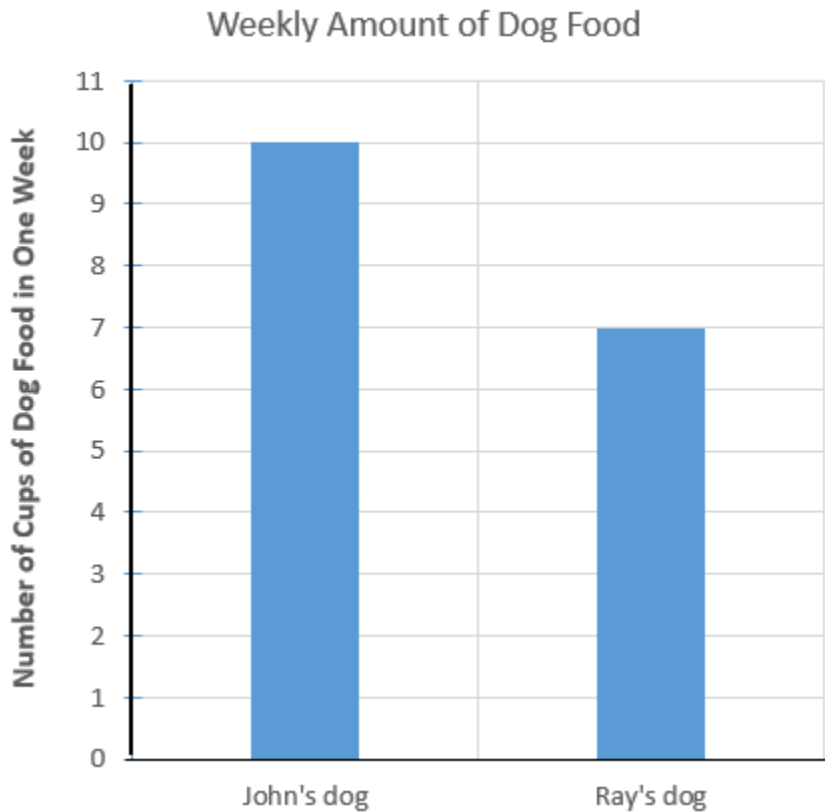| Month	Number of Cups of Dog Food
August	31
September	30

How many cups of dog food did Ray's dog eat altogether in August and September?

_____ total cups of dog food

4. The graph shows the number of cups of dog food John and Ray's dogs eat in one week.

Weekly Amount of Dog Food

Write a number sentence to show how many **more** cups of dog food John's dog eats than Ray's dog?

_____

5. Use the graph in Question 4 to help you answer this question.[1]

   Mia's dog eats 21 cups of dog food in one week.

   John says his dog eats the greatest number of cups of dog food in one week.

   Do you agree or disagree with John's statement? Explain your decision.

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[1] Teachers can scribe student's response to this question.