

Math Word Problem

Grades: 2nd + 3rd

Common Core State Standards

Operations & Algebraic Thinking

CCSS.Math.Content.2.OA.A.1

Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings, words, and equations with a symbol for the unknown number to represent the problem.

Number & Operations in Base Ten

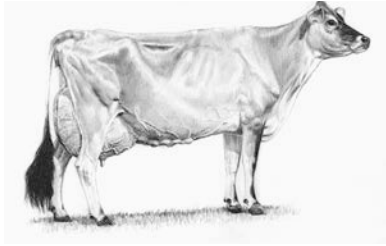
CCSS.Math.Content.2.NBT.B.5

Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

Name: _____

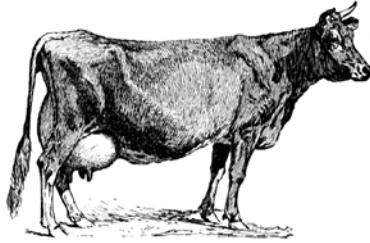
MOOO-Ya Math Word Problem

Guernsey Cow



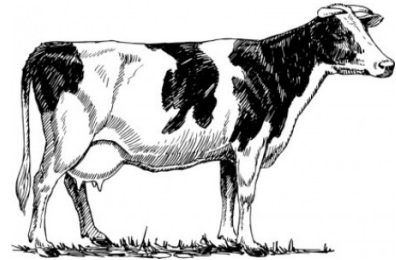
5 Gallons of Milk

Jersey Cow



4 Gallons of Milk

Holstein Cow



? Gallons of Milk

A farmer milks 3 cows, a Guernsey, a Jersey, and a Holstein. Each of these cow breeds produces a different amount of milk. Each morning after the farmer has milked his cows, he has a total of 17 gallons of milk.

The Guernsey cow produces 5 gallons each morning, and the Jersey produces 4 gallons. Solve to answer the following questions and show your work.

- a) How many gallons does the farmer's Holstein cow produce each morning?

- b) Each morning, how much milk do the Guernsey and Jersey cows produce together?

- c) The farmer decides to sell 8 gallons of milk to the local creamery. How many gallons does he have left?

- d) After farmer sells to the creamery, he uses 3 of the remaining gallons to make cheese and 5 gallons to make yogurt. How many gallons does he have left?

- e) If the farmer's daily goal is 20 gallons, how many more gallons does he need?