Addition and subtraction word problems

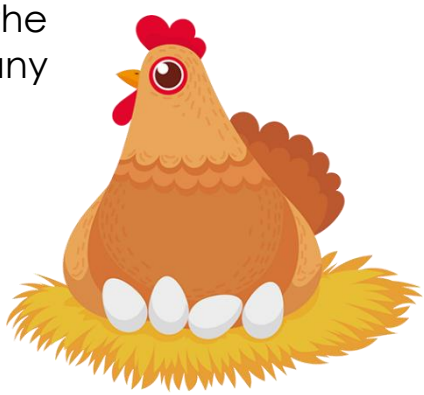
Grade 4 Word Problems Worksheet

Mr. Smith is working on his farm.

1. There are 1,354 animals in one barn. There are 574 goats, 346 cows, and the rest are horses. If 89 horses were sold, how many horses are left in that barn?

2. There were 578 piglets and 234 adult pigs in the warehouse building yesterday. Today, 126 piglets were sold, and 46 piglets will be delivered to the market later. How many piglets will be left at the warehouse?

3. Mr. Smith has 238 eggs in the warehouse. He collected another 122 eggs from his chickens yesterday. As he arranged all the eggs in trays, he accidentally dropped 28 eggs on the ground. How many unbroken eggs were left? Among the eggs left, there were 126 brown eggs; how many were white eggs?



4. The warehouse has 53 sacks of feed and 1 pack of vitamins in stock. There are another 85 sacks of feed and 3 packs of vitamins coming early tomorrow morning. The owner will use 63 sacks of feed for his pigs today. How many sacks of feed will be left in the warehouse after tomorrow's delivery?

5. There are 241 ducks on the farm. There are 120 fewer chickens than ducks. How many chickens are there? If some chickens are being held for customers, and 82 chickens are left, how many chickens are being held for customers?

6. Write an equation using "x" and then solve the equation.
Mr. Smith has 642 chickens and 46 cows. All the chickens were either white, chestnut or red. 575 of the chickens were white. 6 chickens were chestnut. How many chickens were red?

Answers

1. 1,354 – 574 – 346 = 434
   434 – 89 = 345
   There were 345 horses left in that barn.

2. 578 – 126 – 46 = 406
   There will be 406 piglets left in the warehouse.

3. 238 + 122 – 28 = 332
   There were 332 unbroken eggs left.
   332 – 126 = 206
   There were 206 white eggs left.

4. 53 + 85 – 63 = 75
   There would be 75 sacks of feed left.

5. 241 – 120 = 121
   There are 121 chickens on the farm.
   121 – 82 = 39
   There are 39 chickens being held for customers.

6. Let x = the number of red chickens
   575 + 6 + x = 642
   x = 642 – 575 - 6
   x = 61
   There were 61 red chickens.