Unit 2 - Linear Equation Word Problems

Read each word problem carefully. Write an equation and solve for x. Show your work.

1. A store had x video games. They sold 13 games on Monday. They have 26 games left. How many games did they start with?

   Equation: _____

   Solution: _____

2. A farm has x chickens and 11 ducks. There are 60 birds total. How many chickens are there?

   Equation: _____

   Solution: _____

3. Jake collected x baseball cards. His friend gave him 89 more cards. Now he has 148 cards. How many cards did he start with?

   Equation: _____

   Solution: _____

4. Carlos had x stickers. He gave 3 stickers to his friend. Now he has 88 stickers left. How many stickers did Carlos have at first?

   Equation: _____

   Solution: _____

Unit 2 – Linear Equation Word Problems – Answer Key

1. A store had x video games. They sold 13 games on Monday. They have 26 games left. How many games did they start with?

   Equation: x - 13 = 26

   Solution: x = 39

2. A farm has x chickens and 11 ducks. There are 60 birds total. How many chickens are there?

   Equation: x + 11 = 60

   Solution: x = 49

3. Jake collected x baseball cards. His friend gave him 89 more cards. Now he has 148 cards. How many cards did he start with?

   Equation: x + 89 = 148

   Solution: x = 59

4. Carlos had x stickers. He gave 3 stickers to his friend. Now he has 88 stickers left. How many stickers did Carlos have at first?

   Equation: x - 3 = 88

   Solution: x = 91