Name: _____ Date: _____

Fresh Math

Algebra 1 - Unit 2 - Linear Equation Word Problems (Easy)

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

1. A recipe needs 32 cups of flour. You already added 17 cups. How many more cups do you need?

   Equation: _____

   Solution: _____

2. Lisa had $x. She spent $3 on a book. She has $8 left. How much money did she have at first?

   Equation: _____

   Solution: _____

3. The temperature was x degrees in the morning. It rose 7 degrees by afternoon. The afternoon temperature was 17 degrees. What was the morning temperature?

   Equation: _____

   Solution: _____

4. Emma saved $x. She earned $19 more doing chores. Now she has $27. How much money did she have at first?

   Equation: _____

   Solution: _____

5. A farm has x chickens and 2 ducks. There are 8 birds total. How many chickens are there?

   Equation: _____

   Solution: _____

lgebra 1 - Unit 2 - Linear Equation Word Problems (Easy) - Answer Ke

1. A recipe needs 32 cups of flour. You already added 17 cups. How many more cups do you need?

   Equation: x + 17 = 32

   Solution: x = 15
2. Lisa had $x. She spent $3 on a book. She has $8 left. How much money did she have at first?

   Equation: x - 3 = 8

   Solution: x = 11
3. The temperature was x degrees in the morning. It rose 7 degrees by afternoon. The afternoon temperature was 17 degrees. What was the morning temperature?

   Equation: x + 7 = 17

   Solution: x = 10
4. Emma saved $x. She earned $19 more doing chores. Now she has $27. How much money did she have at first?

   Equation: x + 19 = 27

   Solution: x = 8
5. A farm has x chickens and 2 ducks. There are 8 birds total. How many chickens are there?

   Equation: x + 2 = 8

   Solution: x = 6
6. A library had x books checked out. 4 books were returned. Now 6 books are still checked out. How many books were checked out at first?

   Equation: x - 4 = 6

   Solution: x = 10
7. A class had x students. 5 students were absent today. There are 16 students in class. How many students are in the class total?

   Equation: x - 5 = 16

   Solution: x = 21
8. Carlos had x stickers. He gave 6 stickers to his friend. Now he has 10 stickers left. How many stickers did Carlos have at first?

   Equation: x - 6 = 10

   Solution: x = 16