



Name: _____

Date: _____

Word Problems – 8 Problems Test

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

1. Emma saved \$x. She earned \$21 more doing chores. Now she has \$71. How much money did she have at first?

Equation: _____

Solution: _____

2. Emma saved \$x. She earned \$8 more doing chores. Now she has \$15. How much money did she have at first?

Equation: _____

Solution: _____

3. There were x birds on a fence. 7 birds flew away. Now there are 20 birds on the fence. How many birds were there at first?

Equation: _____

Solution: _____

4. A basketball team scored x points in the first half. They scored 10 points in the second half. They scored 52 points total. How many points did they score in the first half?

Equation: _____

Solution: _____



Word Problems – 8 Problems Test – Answer Key

1. Emma saved \$x. She earned \$21 more doing chores. Now she has \$71. How much money did she have at first?

Equation: $x + 21 = 71$

Solution: $x = 50$

2. Emma saved \$x. She earned \$8 more doing chores. Now she has \$15. How much money did she have at first?

Equation: $x + 8 = 15$

Solution: $x = 7$

3. There were x birds on a fence. 7 birds flew away. Now there are 20 birds on the fence. How many birds were there at first?

Equation: $x - 7 = 20$

Solution: $x = 27$

4. A basketball team scored x points in the first half. They scored 10 points in the second half. They scored 52 points total. How many points did they score in the first half?

Equation: $x + 10 = 52$

Solution: $x = 42$