



Name: _____

Date: _____

Linear Equation Word Problems

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

1. Lisa had \$x. She spent \$3 on a book. She has \$4 left. How much money did she have at first?

Equation: _____

Solution: _____

2. A basketball team scored x points in the first half. They scored 1 points in the second half. They scored 2 points total. How many points did they score in the first half?

Equation: _____

Solution: _____

3. Jake collected x baseball cards. His friend gave him 14 more cards. Now he has 26 cards. How many cards did he start with?

Equation: _____

Solution: _____

4. Carlos had x stickers. He gave 6 stickers to his friend. Now he has 4 stickers left. How many stickers did Carlos have at first?

Equation: _____

Solution: _____



Linear Equation Word Problems – Answer Key

1. Lisa had $\$x$. She spent $\$3$ on a book. She has $\$4$ left. How much money did she have at first?

Equation: $x - 3 = 4$

Solution: $x = 7$

2. A basketball team scored x points in the first half. They scored 1 points in the second half. They scored 2 points total. How many points did they score in the first half?

Equation: $x + 1 = 2$

Solution: $x = 1$

3. Jake collected x baseball cards. His friend gave him 14 more cards. Now he has 26 cards. How many cards did he start with?

Equation: $x + 14 = 26$

Solution: $x = 12$

4. Carlos had x stickers. He gave 6 stickers to his friend. Now he has 4 stickers left. How many stickers did Carlos have at first?

Equation: $x - 6 = 4$

Solution: $x = 10$