



Name: _____

Date: _____

Linear Equation Word Problems – Easy

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

1. In a parking lot, there are x cars. Then 15 more cars arrive. Now there are 27 cars total. How many cars were there at first?

Equation: _____

Solution: _____

2. There are 14 students in class today. 13 students are wearing glasses. How many students are not wearing glasses?

Equation: _____

Solution: _____

3. A theater had x people inside. 10 people left during intermission. There are 10 people still in the theater. How many people were there at first?

Equation: _____

Solution: _____

4. Tom had x marbles. He lost 2 marbles at the park. He has 8 marbles now. How many marbles did he have at first?

Equation: _____

Solution: _____



Linear Equation Word Problems – Easy – Answer Key

1. In a parking lot, there are x cars. Then 15 more cars arrive. Now there are 27 cars total. How many cars were there at first?

Equation: $x + 15 = 27$

Solution: $x = 12$

2. There are 14 students in class today. 13 students are wearing glasses. How many students are not wearing glasses?

Equation: $x + 13 = 14$

Solution: $x = 1$

3. A theater had x people inside. 10 people left during intermission. There are 10 people still in the theater. How many people were there at first?

Equation: $x - 10 = 10$

Solution: $x = 20$

4. Tom had x marbles. He lost 2 marbles at the park. He has 8 marbles now. How many marbles did he have at first?

Equation: $x - 2 = 8$

Solution: $x = 10$

5. There were x cookies in a jar. Sarah ate 5 cookies. Now there are 12 cookies left. How many cookies were there at first?

Equation: $x - 5 = 12$

Solution: $x = 17$

6. Emma saved \$ x . She earned \$10 more doing chores. Now she has \$27. How much money did she have at first?

Equation: $x + 10 = 27$

Solution: $x = 17$

7. A book has 12 pages. John has already read 3 pages. How many pages does he have left to read?

Equation: $x + 3 = 12$

Solution: $x = 9$

8. Maria had x apples. She bought 2 more apples. Now she has 8 apples. How many apples did Maria have at first?

Equation: $x + 2 = 8$

Solution: $x = 6$