Creating Equations from Real-Life Situations

Name: _____ Date: _____

Instructions: Read each situation carefully. Write an equation using a letter for the unknown value, then solve it.

1. Sarah has some stickers. Her friend gives her 12 more stickers. Now Sarah has 35 stickers in total. How many stickers did Sarah have at the start?

Equation: _____

Answer: _____

2. A box of pencils costs $8. Jake bought several boxes and spent $56 in total. How many boxes did he buy?

Equation: _____

Answer: _____

3. Emma is thinking of a number. When she multiplies it by 6, she gets 42. What is Emma's number?

Equation: _____

Answer: _____

4. At a birthday party, 48 lollies were shared equally among some children. Each child got 6 lollies. How many children were at the party?

Equation: _____

Answer: _____

5. Tom had a collection of marbles. He gave away 15 marbles to his brother and now has 23 marbles left. How many marbles did Tom have originally?

Equation: _____

Answer: _____

6. A teacher divides the class into groups of 5 students. There are 7 groups in total. How many students are in the class?

Equation: _____

Answer: _____

7. Lucy saves the same amount of money each week. After 9 weeks, she has saved $63. How much does she save each week?

Equation: _____

Answer: _____

8. A recipe needs a certain amount of flour. If you double the recipe, you need 400 grams of flour. How much flour does the original recipe need?

Equation: _____

Answer: _____