Using Variable Equations as a Problem Solving Strategy

- Write a variable equation
- Use the inverse to solve for the variable
- Show your thinking

1. Arthur baked 115 muffins, which was 17 more muffins than Ann. How many muffins did Ann bake?

2. In the summer you can earn $ 4 a day by cutting the grass. (You work for peanuts.) How many days will it take you to earn $ 184?

3. An adult turtle at the zoo weighs 145 pounds. It is five times heavier than the baby turtle. How much does the baby turtle weigh?

4. Julie's yard is rectangular. The yard is 100 feet wide. The total area of the yard is 3 000 square feet. What is the length of her yard?

LIVEWORKSHEETS