

Assignment 1: Algebraic Word Problems

Solve the following algebraic word problems. Show complete solutions and final answers.

1. The sum of two numbers is 45. One number is 9 more than the other. Find the numbers.
2. A store sells pencils at ■15 each. If a student buys x pencils, write an expression for the total cost and compute for 12 pencils.
3. A car rental company charges ■1000 per day plus ■20 per kilometer driven. Write an equation for the total cost y if x kilometers are driven.