Writing Equations in Slope-Intercept Form

For each problem below write an equation in slope-intercept form. Do not solve the problem.

JOBS Mr. Kimball receives a $3000 annual salary increase on the anniversary of his hiring if he receives a satisfactory performance review. His starting salary was $41,250. Write an equation to show s, Mr. Kimball's salary after y years at this company if his performance reviews are always satisfactory.

You are visiting Baltimore MD, and a taxi company charges a flat fee of 3.00 for using the taxi and an additional $0.75 per mile. Write an equation that you could use to find the cost of a taxi ride in Baltimore, MD. Let x represent the number of miles and y represent the total cost.

A plumber charges a fee of $50 to make a house call. He also charges $25.00 an hour for labor. Write an equation that you could use to find the amount a plumber charges for a house call based on the number of hours of labor. Let x represent the number of hours for labor and y represent the total cost.

MONEY As a part-time job, Ethan makes deliveries for a caterer. In addition to his weekly salary, he is also paid $16 per delivery. Last week, he made 5 deliveries and his total salary was $215. Write a linear equation to find Ethan's total weekly salary S if he makes d deliveries.

The cost of a school banquet is $95 plus $15 for each person attending. Write an equation that gives total cost as a function of the number of people attending.

Roman paid $150 to join a handball club. He pays an additional $15 every time he uses one of the club's handball courts. Write an equation that describes Roman's total cost for playing handball as a function of the number of times he plays.
Let C = the total cost and n = the number of times he plays.

A sunflower in Julia Rosario's garden was 12 centimeters tall when it was first planted. Since then, it has grown approximately 0.6 centimeters per day. Write an equation expressing the sunflower's height, H, in terms of the number of days, d, since it was planted.

A real estate sales agent receives a salary of $250 per week plus a commission of 2% of sales. Write an equation that gives the weekly income y in terms of sales x.