

Some problems to practice developing spreadsheets for generalized problems

1. Develop a spreadsheet that will allow a person to enter an hourly rate of pay and the number of hours worked each week. The spreadsheet should calculate the gross pay for the person for the year. You can assume the person works 50 weeks a year.
2. Different paints have different coverage rates. Develop a spreadsheet that allows the clerk to enter the number of square feet the customer wants to paint and the coverage rate and calculates the number of gallons of paint the person needs to complete the project.
3. Teams of biologists regularly release tagged fish into bodies of water. After some amount of time, they capture a small number of fish in order to estimate the number of fish in the area. Develop a spreadsheet that allows the biologist to enter the number of tagged fish released, the number of fish captured and the number of those fish that were tagged. The spreadsheet should then estimate the number of fish in the area.