MAT 110 Math for Liberal Arts Summative Exercise

Solve the following equation.

$3(x + 2) = 8(x - 1) + 21$

Solve the system of equations by any algebraic method.

$5x - 2y = 7$

$2x + y = 10$

The principal P is borrowed at a simple interest rate r for a period of time t. Find the simple interest owed for the use of the money. <u>Assume 360 days in a year</u>.

P = $15,500   r = 5%   t = 90 days

Find the mean for the following group of data items.

90, 30, 60, 30, 50