BRONX COMMUNITY COLLEGE
of the City University of New York
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

MTH05   **Quiz 3 (Sample)**

Each literal equation is worth 15 points. Solve each for the variable indicated.

1. Solve for B: $V = \dfrac{Bh}{3}$

2. Solve for m: $y = mx + b$

3. Solve for x: $ax + by = c$

4. Solve for W: $P = 2L + 2W$

5. Solve for F: $C = \dfrac{5}{9}(F - 32)$

Solve by writing and solving the appropriate equation (25 points):

6. Carol has $350 per week deducted from her gross pay. If her net pay is 75% of her gross pay, what is her gross pay?