

NAME:

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

MTH05

Quiz 5 (Sample)

Instructions

For each multiple-choice question (worth 15 points) no partial credit will be given; circle one answer only. Each problem is worth the points specified. To receive full credit, show all your work. Use pencil only.

- (15 points) Select the ordered pair which satisfies the equation $2x - 3y = 7$:
(A) (1, 5) (B) (2, -3) (C) 5, 1) (D) (5, -1) (E) None of these.
- (15 points) For the equation $3x + y = 10$, select the value of y which corresponds to $x = 5$:
(A) 5 (B) -5 (C) 3 (D) 2 (E) None of these.
- (15 points) Write three different ordered pairs which satisfy the equation $x - y = 7$.
- (25 points) Find the slope and y -intercept of the graph of the equation $2x + y = 10$.
- (30 points) Graph the equation $6x - 3y = 18$. Use the graph paper provided.