

Show all work and simplify all answers before circling/boxing them. If you do the problem incorrectly, or don't show sufficient work, you will be asked to rewrite the problem for credit.

Final due date: the day of the Unit 3 Exam.

Solve the following systems of equations using any method.

(1) $-3y = -6x - 3$
 $y = 2x + 1$

(6) $3x - 2y = 1$
 $2x + 3y = 5$

(2) $y = -4x + 5$
 $y = 2x - 1$

(7) $16x - 4y = -12$
 $-4x + y = 3$

(3) $x = 5y + 36$
 $y = 2x$

(8) $4x + 2y = -4$
 $5x - 3y = 28$

(4) $2x + y = 10$
 $7x - 2y = 24$

(9) $x + 4y = 4$
 $8x - 9y = -9$

(5) $x + y = -5$
 $x - y = -7$

(10) $x - 4y = -5$
 $6x - 5y = 8$