

Homework - Solving Systems Algebraically

Solve the system with the method of your choice, then classify as consistent/inconsistent and dependent/independent

1) $5x - 2y = 12$ (2, -1)
 $y = 3x - 7$

2) $4x - 3y = 0$ (3, 4)
 $-10x + 7y = -2$

3) $x = 4y - 2$ (5, $\frac{7}{4}$)
 $-3x + 8y = -1$

4) $-x + 5y = 17$
 $2x - 10y = -34$

5) $6x - y = -2$
 $-18x + 3y = 4$