

## 數學練習卷

姓名：\_\_\_\_\_

(1) 化簡  $11x + 14y + 6x + 19y =$

(2) 化簡  $5(2x + 3y + \frac{1}{3}) =$

(3) 化簡  $-10[-(-3x) + 9y + 2] =$

(4) 化簡  $4(-2x - 3y + 11) =$

(5) 化簡  $-3x + \frac{4}{7}y - \frac{1}{6}x + \frac{3}{7}y =$

(6) 化簡  $-30x - (-12y) + 9 + 13x + y - 6 =$

(7) 化簡  $\frac{1}{5}(x + 10y + 2) - (2x + \frac{3}{5}y - \frac{3}{5}) =$

(8) 化簡  $21(x + 3y - 1) - 4(12x + 4y) =$

(9) 化簡  $\frac{2}{9}(18x - 27y + \frac{3}{2}) + 4(3x + \frac{1}{5}y - \frac{1}{2}) =$

(10) 若  $x = -4$ ， $y = 11$  為方程式  $-7x + 3y + 5 = b$  的解，試求  $b$  之值。