12/18/12 Class work

Solve the system for x.

① $4x - y = 12$
$-2x + y = -4$

ⓐ $x = 4$ ⓒ $x = 7$
ⓑ $x = -4$ ⓓ $x = -7$

② $-12x + y = -3$
$6x - y = 15$

ⓐ $x = 6$ ⓒ $x = 2$
ⓑ $x = -2$ ⓓ $x = -6$

Solve the system

③ $x + y = 3$
$x - y = 1$

ⓐ $(2, 1)$ ⓒ $(5, -4)$
ⓑ $(2, -3)$ ⓓ $(13, -1)$

④ $x + 2y = 10$
$3x + 4y = 8$

ⓐ $(-12, 11)$ ⓒ $(-6, -2)$
ⓑ $(5, 4)$ ⓓ $(8, 1)$

⑤ Tell if the given relation is a function

x	y
3	8
4	7
-5	6
2	

⑥ $(x^2 + 3x - 1) + (2x^2 + x - 8) =$

⑦ $(5x^2 - 3x - 1) - (2x - x + 7) =$