

$$(3) (2x+5)(x-4) = 0$$

$$x = \frac{5}{2}, x = 4$$

$$(4) 17x^2 = 5x + 14$$

$$17x^2 - 14 = 5x$$

$$17x^2 - 14 = 5x$$

$$17x^2 - 14 - 5x = 5x - 5x$$

$$17x^2 - 5x - 14 = 0$$

$$5. \quad 6x + 5y = 35$$

$$6x + 5y - 5y = 35 - 5y$$

$$6x = 35 - 5y$$

$$6x \quad 35 \quad 5y$$

$$7x - 4y = 31$$

$$7x - 4y + 4y = 31 + 4y$$

$$7x = 31 + 4y$$

$$= \frac{31 + 4y}{7}$$