$$5x^2 - 9 = x + 3 \tag{1}$$

$$5x^2 - x - 12 = 0 (2)$$

$$5x^{2} - 9 = x + 3$$
$$5x^{2} - x - 12 = 0$$
$$= 12 + x - 5x^{2}$$

$$5x^2 - 9 = x + 3 \tag{3}$$

$$5x^2 - x - 12 = 0 (4)$$