



$$x^2 = 64$$

$$x = \sqrt{64}$$

$$\begin{aligned} x &= 8 \\ x &= -8 \end{aligned}$$

$$v) 2x^2 + 9x + 10 = 0$$

$$(2x+5)(x+2) = 0$$

$$2x^2 + 4x + 5x + 10 = 0$$

$$\quad \quad \quad 9x$$

$$2x+5=0 \quad x+2=0$$

$$x = -\frac{5}{2}$$

$$x = -2$$

6.

$$5(2x^2 - y^2) - x^2(x^2 - y) - x^2y - x^4$$

$$10x^2 - 5y^2 - x^4 + \cancel{x^2y} - \cancel{x^2y} - x^4$$

5.

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$$5x + 3y = 39 \quad (1) \quad \times 2$$

$$8x - 2y = 42 \quad (2) \quad \times 3$$

$$10x + 6y = 78 \quad (3)$$

$$+ 24x - 6y = 126 \quad (4)$$

$$34x = 204$$

$$x = \frac{204}{34} = 6$$

$$5(6) + 3y = 39 \quad (1)$$

$$30 + 3y = 39$$

$$3y = 39 - 30$$

$$3y = 9$$

$$y = 3$$