

4 Odstraňte závorky a zjednodušte:

4.1 $(x + 2)^2 + (x - 2)(x + 2) =$

$$x^2 + 4x + 4 + x^2 - 4 = 2x^2 + 4x$$



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4.2 $y(3y - 1) - 3(y^2 - y) =$

$$3y^2 - y - 3y^2 + 3y = 2y$$



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5 **Řešte rovnici:**

$$\frac{1-x}{2} = 4-x + \frac{5x}{3} \quad / \cdot 6$$

$$\text{Zk: } L = \frac{1 - (-3)}{2} = \frac{1 + 3}{2} = 2$$

$$3. (1-x) = 24 - 6x + 10x$$

$$3 - 3x = 24 + 4x$$

$$-7x = 21 \quad / : (-7)$$

$$\underline{x = -3}$$

$$P = 4 - (-3) + \frac{5 \cdot (-3)}{3} =$$

$$= 4 + 3 - 5 = 2$$

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