

№33.11

$$8)(0,6x^4 - \frac{1}{2}y^3)^3 = (\frac{3}{5}x^4 - \frac{1}{2}y^3)^3 =$$

$$= (\frac{3}{5}x^4)^3 - 3 \cdot (\frac{3}{5}x^4)^2 \cdot \frac{1}{2}y^3 + 3 \cdot \frac{3}{5}x^4 \cdot (\frac{1}{2}y^3)^2 - (\frac{1}{2}y^3)^3$$

$$= \frac{27}{125}x^{12} - 3 \cdot \frac{9}{25} \cdot \frac{1}{2}x^8y^3 + 3 \cdot \frac{3}{5} \cdot \frac{1}{4}x^4y^6 - \frac{1}{8}y^9 =$$

$$= \frac{27}{125}x^{12} - \frac{27}{50}x^8y^3 + \frac{9}{20}x^4y^6 - \frac{1}{8}y^9$$

№33.14

$$4) (4y - 5)^3 - (4y + 5)^3 - 48y(1 - 10y) + 5 - 14y^2 =$$

$$= \cancel{64y^3} - 3 \cdot 16y^2 \cdot 5 + \cancel{3 \cdot 4y \cdot 25} - 125 - \cancel{64y^3}$$

$$- 3 \cdot 16y^2 \cdot 5 - \cancel{3 \cdot 4y \cdot 25} - 125 - 48y + 480y^2$$

$$+ 5 - 14y^2 = \cancel{-240y^2} - 245 - \cancel{240y^2} - 48y +$$

$$\cancel{+480y^2} - 14y^2 = -14y^2 - 48y - 245$$