

$$\text{a)} -2^3 \cdot 3^{-3} a^3 b^{15} 3^2 \cdot 2a^5 b = -\frac{16}{3} a^8 b^{16}$$

$$\text{б)} \dots = 64a^3 c^6 \cdot 0,25a^6 c^2 = 16a^9 c^8; \quad \text{в)} -x^8 y^{16} 36x^8 y^2 = -36x^{16} y^{18}; \quad \text{г)} \frac{2^3}{3^3} x^6 y^9 \cdot 3^6 x^8 = 2^3 \cdot 3^3 x^{14} y^9 =$$

$$= 216x^{14} y^9; \quad \text{д)} (-10)^5 a^{15} b^{10} \left(-\frac{2}{10}\right)^5 a^5 b^{10} = -32a^{20} b^{20}; \quad \text{е)} -\frac{1}{2^3} x^2 y^3 2^4 x^{24} y^4 = -2x^{26} y^7;$$

$$\text{ж)} 90a^4 b^3 \frac{100}{9} a^2 b^{12} = 1000a^6 b^{15}; \quad \text{з)} -27x^{18} y^6 x^2 y^4 = -27x^{20} y^{10};$$

$$\text{и)} 5^4 a^4 b^{24} 5^{-4} b^4 = a^4 b^{28}; \quad \text{к)} -2^{-3} x^3 y^9 2^4 y^{10} = -2x^3 y^{19};$$

$$\text{л)} 100a^4 y^2 27 a^3 y^6 = 2700a^7 y^8$$