



Классная работа

22.12.2021

$$3) 6x + ay + 6y + ax = 6(x + y) + a(y + x) = \\ = (x + y)(6 + a)$$

$$4) 8x - 8y + xz - yz = 8(x - y) + z(x - y) = \\ = (x - y)(8 + z);$$

$$5) mn + m - n - 1 = m(n + 1) - (n + 1) = \\ = (n + 1)(m - 1)$$

$$6) ab - ac - 2b + 2c = a(b - c) - 2(b - c) = \\ = (b - c)(a - 2).$$

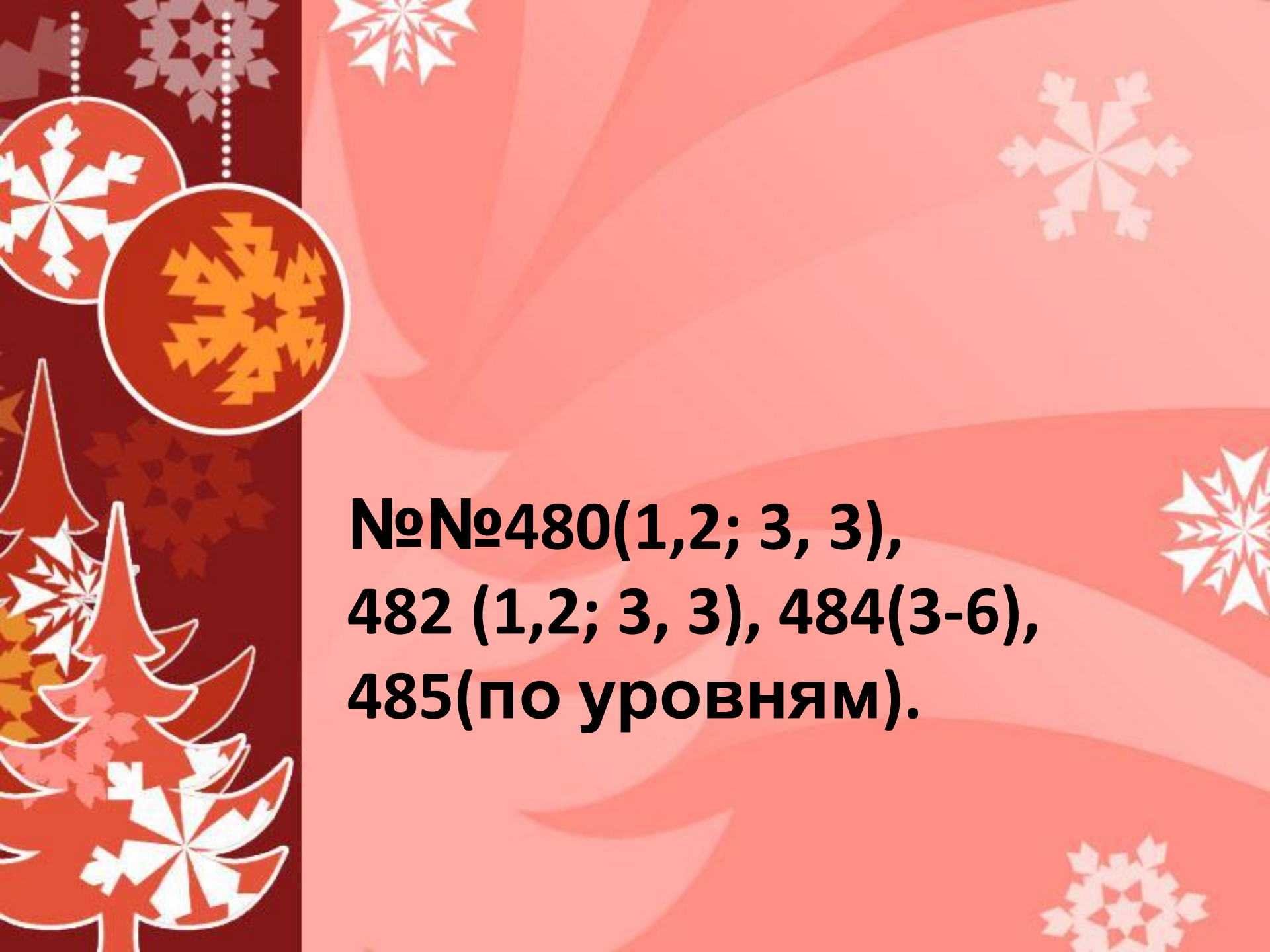
• №479

$$\begin{aligned} 3) 9a^2b - 3a^2 + 3b^2 - b &= 3a^2(3b - 1) + b(3b - 1) = \\ &= (3b - 1)(3a^2 + b) \end{aligned}$$

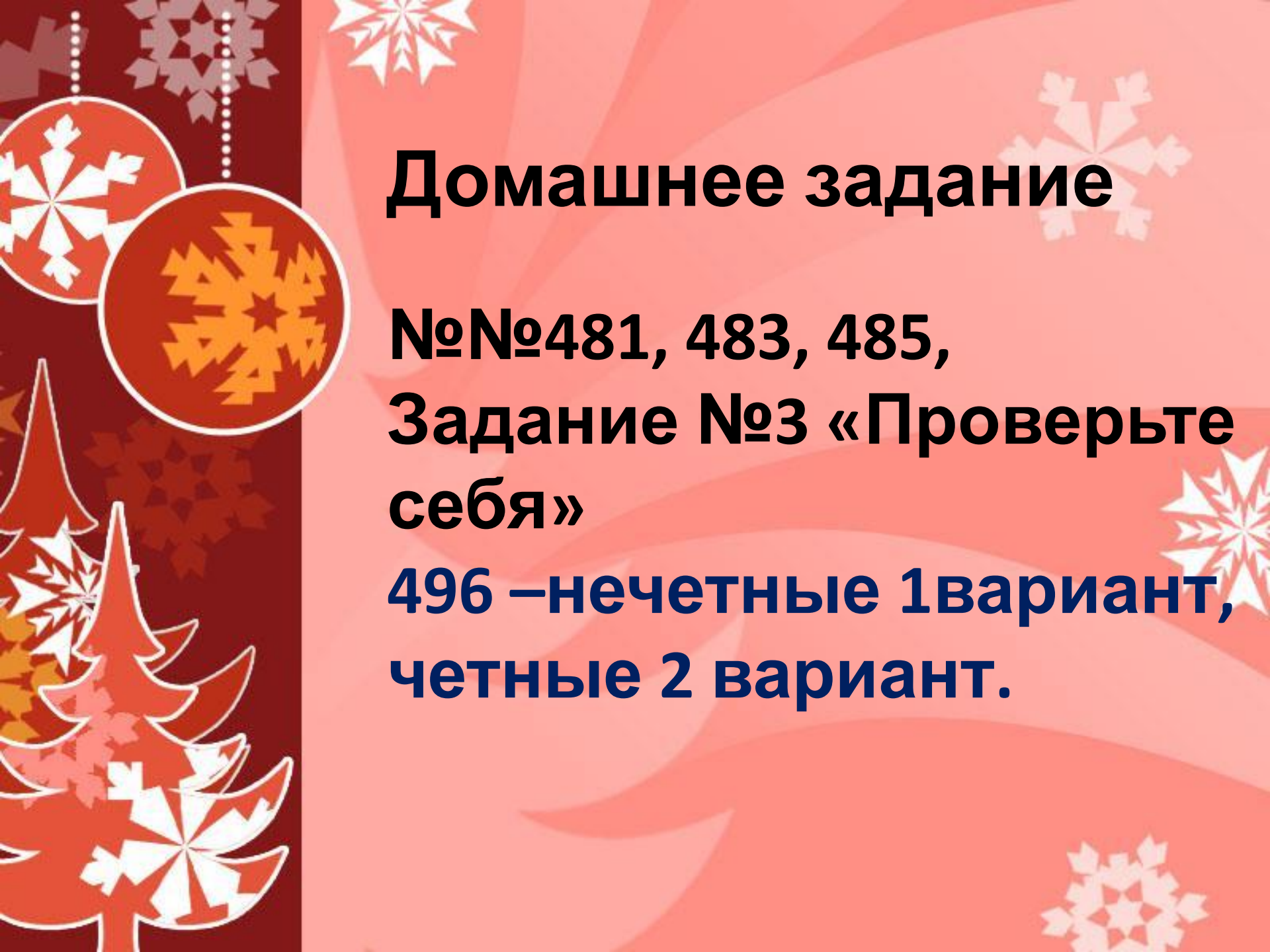
$$\begin{aligned} 4) 8a^2 - 2ab - 4ac + bc &= 2a(4a - b) - c(4a - b) = \\ &= (4a - b)(2a - c); \end{aligned}$$

$$\begin{aligned} 5) 2b^3 - 7b^2c - 4b + 14c &= b^2(2b - 7c) - 2(2b - 7c) = \\ &= (2b - 7c)(b^2 - 2) \end{aligned}$$

$$\begin{aligned} 6) 6x^5 + 4x^2y^2 - 9x^3y - 6y^3 &= 2x^2(3x^3 + 2y^2) - 3y(3x^3 + 2y^2) = \\ &= (3x^3 + 2y^2)(2x^2 - 3y). \end{aligned}$$



**№№480(1,2; 3, 3),
482 (1,2; 3, 3), 484(3-6),
485(по уровням).**



Домашнее задание

**№№481, 483, 485,
Задание №3 «Проверьте
себя»**

**496 –нечетные 1вариант,
четные 2 вариант.**