* Разлика квадрата *

862) а) $(n-3)(n+3) = n^2 - 3^2 = n^2 - 9$

б) $(x+7)(x-7) = x^2 - 7^2 = x^2 - 49$

в) $(2y+11)(2y-11) = (2y)^2 - 11^2 = 2^2y^2 - 121 = 4y^2 - 121$

г) $(1-a)(1+a) = 1^2 - a^2 = 1 - a^2$

д) $(xy^2+a)(a-xy^2) = (a+xy^2)(a-xy^2) = a^2 - (xy^2)^2 = a^2 - x^2y^4$

ђ) $\left(\frac{1}{2}+x\right)(x-0{,}5) = \left(x+\frac{1}{2}\right)\left(x-\frac{5}{10}\right) = \left(x+\frac{1}{2}\right)\left(x-\frac{1}{2}\right) = x^2 - \left(\frac{1}{2}\right)^2 = x^2 - \frac{1^2}{2^2}$

$= x^2 - \frac{1}{4}$

е) $(k-2p)\cdot(-2p-k) = (-2p+k)(-2p-k) = (-2p)^2 - k^2 = 4p^2 - k^2$

ж) $(0{,}02 + x^2y^5)(x^2y^5 - 0{,}02) = (x^2y^5 + 0{,}02)(x^2y^5 - 0{,}02) =$

$= (x^2y^5)^2 - 0{,}02^2 = (x^2)^2(y^5)^2 - 0{,}0004 = x^{2\cdot2}y^{5\cdot2} - 0{,}0004 = x^4y^{10} - 0{,}0004$

Домаћи: 865 под а и б