

* Расставьте скобки
на множитель *

873)

a) $6-3y = 3(2-y)$

б) $15a+10b = 5(3a+2b)$

в) $4x^2-x = x(4x-1)$

г) $10ax^2-5a^2x = 5ax(2x-a)$

д) $6x^3y+2x^2y = 2x^2y(3x+1)$

874)

a) $x^2-y^2 = (x-y)(x+y)$

б) $n^2-1 = (n-1)(n+1)$

в) $16x^2-121 = (4x)^2-11^2 = (4x-11)(4x+11)$

875)

a) $45-5a^2 = 5(9-a^2) = 5(3^2-a^2) = 5(3-a)(3+a)$

б) $xy^3-4xy = xy(y^2-4) = xy(y^2-2^2) = xy(y-2)(y+2)$

в) $5xy^3-20xy^5 = 5xy^3(1-4y^2) = 5xy^3(1-2y)(1+2y)$

877)

a) $75 \cdot 85 = (80-5)(80+5) = 80^2-5^2 = 6400-25 = 6375$

б) $101 \cdot 99 = (100+1)(100-1) = 100^2-1^2 = 10000-1 = 9999$

в) $52 \cdot 48 = (50+2)(50-2) = 50^2-2^2 = 2500-4 = 2496$

за домашнюю работу