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| **1 вариант *Фамилия :*** | **2 вариант *Фамилия :*** |
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| **І** | **ІІ** |
| $(x+ )^{2}=x^{2}+ + 64 $  | $b^{2}-25= $ |
| (7+4c)(7–4c)= | (6m+8)(8–6m)= |
| 8$x^{3}$+$y^{3}$=(2x+y)( ) | $(x+ )^{2}=x^{2}+ + 16 $ |
| $\left(7x-5\right)^{2}= - + 25 $ | (2x+4)(2x–4)= |
| (7a+2)(2–7a)= | 27+$x^{3}$=(3+x)( ) |
| $(2 +a )^{2}= + +a^{2} $ | $(x- 3 )^{2}=x^{2}- + $  |
| $c^{2}-36= $ | $( + )^{2}=4+4a+a^{2}$ |
| $( - )^{2}=16-8a+ a^{2} $ | $(x- 4 )^{3}= -12x^{2}+ -64$ |
| $(2x- 3 )^{3}= -36x^{2}+ - 27$ | $(x+ 3 )^{3}=x^{3}+ +27x+ $ |
| $(y+ 2 )^{3}=y^{3}+ +12y+ $ | $\left(2a-15\right)^{2}= - + 225 $ |

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| **І** | **ІІ** |
| $$d^{2}-49= $$ | (3b+8)(3b–8)= |
| $(x+ )^{2}=x^{2}+ + 9 $ | $(3x- )^{2}= - + 81 $ |
| (3x+2)(2–3x)= | $x^{3}$+8=(x+2)( ) |
| (5a+4)(5a–4)= | (5+4b)(4b–5)= |
| $(x-9 )^{2}=x^{2}- + $  | $(2 + )^{2}=4+ +a^{2}$ |
| 8+$a^{3}$=(2+a)( ) | $\left(a+11\right)^{2}=a^{2}+ + $  |
| $\left( + \right)^{2}=x^{2}+10x+ 25 $ | $a^{2}-16= $ |
| $(x+ 4 )^{3}=x^{3}+ +48x+ $ | $( - )^{2}=x^{2}-6x+ 9 $ |
| $(4p-6 )^{2}= - + 36 $ | $(x- 3 )^{3}= -9x^{2}+ -27$ |
| $(2a- 2 )^{3}= -24a^{2}+ - 8 $ | $(2a+ 2 )^{3}=8a^{3}+ +24a+ $ |

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| **ІІІ** | **ІV** |
| $\left(x+5\right)^{2}=x^{2}+ + $  | $(4+a )^{2}= + + a^{2} $  |
| (8x+1)(8x–1)= | $64x^{3}+125$=(4x+5)( ) |
| (3k+5)(5–3k)= | (5m+2n)(2n–5m)= |
| $(y- )^{2}=y^{2}- + 4 $ | $(x- )^{2}=x^{2}- + 9 .$ |
| $c^{3}+27$=(c+3)( ) | $\left( + \right)^{2}=a^{2}+22a+ 121 $ |
| $p^{2}-64= $ | (11+4c)(11–4c)= |
| $( + )^{2}=x^{2}+6x+ 9 $ | $(3y- 2)^{2}= - + 4 $ |
| $(2x-1 )^{3}= - 12x^{2}+ -1$ | $400-25c^{2}= $ |
| $(2x+ 3 )^{3}=8x^{3}+ +54x+ $ | $(3z+ 2 )^{3}=27z^{3}+ +36z+ $ |
| $(4-2a)^{2}=16- + $ | $(c- 4 )^{3}= -12c^{2}+ - 64$ |

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| **ІІІ** | **ІV** |
| (3z+5)(3z–5)= | 125+$8x^{3}$=(5+2x)( ) |
| (9p+1)(1–9p)= | (3x+2y)(2y–3x)= |
| $(2 +5a)^{2}=4+ + $ | $( - )^{2}=y^{2}-4y+ 4 $ |
| $(x- )^{2}=x^{2}- + 81 $ | (15x+8)(15x–8)= |
| 1+$64x^{3}$=(1+4x)( ) | $\left(a+ \right)^{2}=a^{2}+ + 121 $ |
| $x^{2}-81= $ | $121-4a^{2}= $ |
| $(x+ 2c )^{3}=x^{3}+ +12c^{2}x+ $ | $(3z- 2 )^{3}= -54z^{2}+ -8 $ |
| $( + )^{2}=p^{2}+12p+ 36 $ | $(6x- 3)^{2}= - + 9 $ |
| $(x- 4 )^{2}=x^{2}- + $  | $(p+6)^{2}=p^{2}+ + $  |
| $(1-2y )^{3}= -6y+ -8y^{3}$ | $(x+ 2y )^{3}=x^{3}+ +12y^{2}x+ $ |

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| **V** | **VІ** |
| (20+4x)(20–4x)= | $(3x+3)^{2}= + + 9 $ |
| (8m+3n)(3n–8m)= | (4a+9b)(9b–4z)= |
| $(4+ )^{2}=16+ + a^{2} $ | 125+$8n^{3}$=(5+2n)( ) |
| $(4+2y )^{3}=64+ +48y^{2}+ $ | $( - )^{2}=x^{2}-16x+ 64 $ |
| 27$x^{3}+1$=(3x+1)( ) | (5x+12)(5x–12)= |
| $(2x- 7 )^{2}= - +49 $ | $(y+2 )^{2}=y^{2}+ + $  |
| $(x+ 3 )^{2}=x^{2}+ + $  | $196-b^{2}= $ |
| $256-36a^{2}= $ | $(c+ 4 )^{3}=c^{3}+ +48c+ $ |
| $( - )^{2}=x^{2}-18x+ 81 $ | $(x- )^{2}=x^{2}- + 49 $ |
| $(2y-1 )^{3}= - 12y^{2}+ -1 $ | $(x- 2y )^{3}= -6x^{2}y+ -8y^{3}$ |

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| **V** | **VІ** |
| (7x+8y)(8y–7x)= | (12b+9)(12b–9)= |
| $m^{3}$+$64n^{3}$=(m+4n)( ) | $(2x+4 )^{2}= + + 16 $ |
| $( - )^{2}=x^{2}-8x+ 16 $ | (9p+4q)(4q–9p)= |
| (4p+15)(4p–15)= | $\left(x- \right)^{2}=x^{2}- + 25 $ |
| $(p- )^{2}=p^{2}- + 36 $ | 125$a^{3}+1$=(5x+1)( ) |
| $225-4a^{2}= $ | $(x- 2c )^{3}= -6x^{2}c+ -8c ^{3}$ |
| $(x+ 7 )^{2}=x^{2}+ + $  | $(2b+ 1 )^{3}=8b^{3}+ +6b+ $ |
| $(2x+1 )^{3}=8x^{3}+ +6x+ $ | $(x+8 )^{2}=x^{2}+ + $  |
| $(3x+ 8)^{2}= + + 64 $ | $( - )^{2}=x^{2}-14x+49 $  |
| $(2b- 1 )^{3}= -12b^{2}+ - 1$ | $125-16x^{2}= $ |

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| **Индивидуальная карта успешности** **( кривая успешности )** ***Количество*** ***примеров*** **10** **9** **8** **7** **6**  **5** **4** **3** **2** **1** ***дата*** **0** | **Индивидуальная карта успешности** **( кривая успешности )** ***Количество*** ***примеров*** **10** **9** **8** **7** **6**  **5** **4** **3** **2** **1** ***дата*** **0** |