

ФОРМУЛЫ
СОКРАЩЕННОГО
УМНОЖЕНИЯ

а) c ; -4 ; $3m$; $5x^2y$

б) $3x$ и $6y$

в) $a+b$; $a^2+b^2(a+b)^2$;

$x-y$; $(x-y)^2$; x^2-y^2

г) $(x+6) \cdot (x-5)$

$$1) (m+n) \cdot (m+n) \quad (m+n)$$

$$2) (c+d) \cdot (c+d) \quad (c+d)$$

$$3) (x+y) \cdot (x+y) \quad (x+y)$$

$$4) (p+g) \cdot (p+g) \quad (p+g)$$

$$5) (k+f) \cdot (k+f) \quad (k+f)$$

$$6) (8+m) \cdot (8+m) \quad (8+m)$$

$$7) (n+5) \cdot (n+5) \quad (n+5)$$

$$8) (2+c) \cdot (2+c) \quad (2+c)$$

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$(a-b)^2 =$$

$$1) (3x+5)^2 =$$

$$2) (2y-8)^2 =$$

a) $(c+11)^{-}; 0)(7y+6)^{-}; B)(9-8k)^{-}; \Gamma)(3m-4)^{-}$

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3

| | | |
|-----------------|----------------|----------------|
| $c^2+11c+121$ | $c^2-22c+121$ | $c^2+22c+121$ |
| $49y^2+42y+36$ | $49y^2+84y+36$ | $49y^2-84y+36$ |
| $81-144k+64k^2$ | $81-72k+64k^2$ | |
| $81+144k+k^2$ | | |
| $9m^2+24m+16$ | $9m^2-24m+16$ | |
| $9m^2-12m+16$ | | |

а3б2в1г2