

1. Vypočítejte.

$3b \cdot b^3 =$

$b^2 \cdot ab^2 =$

$c^2 \cdot c \cdot c^3 =$

$2x \cdot 4x =$

$ab \cdot a^2b^2 =$

$3u \cdot 6u^4 =$

$(-x^2) \cdot 3xy =$

$b \cdot 2b \cdot c =$

$5xy \cdot (-2xy) =$

$-3xy \cdot y^2 =$

$(-p^2) \cdot (-p^3) =$

$uv \cdot (-u^2) =$

$(-n^2) \cdot (-2n) =$

$a^5 \cdot 4a^2 =$

$(-n^2) \cdot 3n =$

$\frac{1}{2}a \cdot ax =$

$\frac{1}{3}x^3 \cdot 6xy =$

$(-3u) \cdot \frac{1}{3}u^3 =$

2. Vynásobte závorky.

$a \cdot (b-2) =$

$(z-1) \cdot z =$

$a^2b \cdot (a+b) =$

$x \cdot (2b+y) =$

$(u^2+u) \cdot 2u =$

$3x^3y \cdot (1-y) =$

$2x \cdot (x+2) =$

$(2x-y) \cdot y =$

$uv^2 \cdot (u^2-v^2) =$

$2 \cdot (5x+2y) =$

$(a-2b) \cdot 3 =$

$5t^2s \cdot (t-s) =$

$9n \cdot (n^2-n) =$

$(3u-v) \cdot 2u =$

$3abc \cdot (a-b) =$

3. Vynásobte závorku.

$x \cdot (a-b+c) =$

$(p-2q+r) \cdot 3r =$

$2a \cdot (1-2a+b^2) =$

$(t^2-2t+4) \cdot (-2t^2) =$

$8a \cdot (b-3+c) =$

$(u+v+5) \cdot 4uv =$

$x^2 \cdot (2x-4x^2-6) =$

$(ax+b+c) \cdot x^2 =$

$(-a) \cdot (b+1-c) =$

$(6-x+y) \cdot xy =$

4. Vynásobte.

$2x \cdot 3x \cdot x^2 =$

$2ab \cdot b^2 \cdot a^3 =$

$(-x^2) \cdot xy \cdot y^3 =$

$2z \cdot z^2 \cdot 3z =$

$(-u) \cdot (-u^2) \cdot 2u =$

$-ab \cdot (-2a) \cdot (-2b) =$

5. Odstraňte závorku.

$5a \cdot (2a^3+5a^2-a) =$

$(-u^2v) \cdot (-5u+4v) =$

$(-a^2) \cdot (-ab+4b+2) =$

$(-3x) \cdot (-4a^2x-2a-x^2) =$

$(-1) \cdot (-5z^2+3z-7) =$

$-2 \cdot (3a-6-b) =$

6. Vypočítejte.

$$(x+4) \cdot (x+1) = \underline{\hspace{10cm}}$$

$$(a+2) \cdot (b+3) = \underline{\hspace{10cm}}$$

$$(m+2u) \cdot (m-u) = \underline{\hspace{10cm}}$$

$$(p+q) \cdot (p-r) = \underline{\hspace{10cm}}$$

$$(z-2) \cdot (z-3) = \underline{\hspace{10cm}}$$

$$(x-4) \cdot (x-1) = \underline{\hspace{10cm}}$$

$$(m+2) \cdot (m+5) = \underline{\hspace{10cm}}$$

7. Vynásobte a zjednodušte.

$$(4p-q) \cdot (2p-q) = \underline{\hspace{10cm}}$$

$$(3c+2) \cdot (2c+3) = \underline{\hspace{10cm}}$$

$$(a-b) \cdot (a+b) = \underline{\hspace{10cm}}$$

$$(2x+1) \cdot (x+4) = \underline{\hspace{10cm}}$$

$$(2a+3b) \cdot (2a-5b) = \underline{\hspace{10cm}}$$

$$(3m-2) \cdot (2m-1) = \underline{\hspace{10cm}}$$

$$(u-4v) \cdot (v+3u) = \underline{\hspace{10cm}}$$

8. Zjednodušte.

$$2 \cdot (b-1) - 3 \cdot [b - (2-3b)] = \underline{\hspace{10cm}}$$

$$6x - [2 \cdot (x-1) - 2 \cdot (x+1)] = \underline{\hspace{10cm}}$$

$$2x - [-y + 2 \cdot (x-y) - x] = \underline{\hspace{10cm}}$$

$$2z + 3 \cdot [-2z - 3z \cdot (1+z) - z^2] = \underline{\hspace{10cm}}$$

$$2a - 4 \cdot [-a - (-b+2a) - (-2a)] = \underline{\hspace{10cm}}$$