2 Productos de polinomios

Obtenga productos y simplifique

$$(2x+5)(3x-7) \tag{1}$$

$$(5x+7y)(3x+2y) \tag{2}$$

$$(2u+3)(u-4)+4u(u-2) \tag{3}$$

$$(3u-1)(u+2)+7u(u+1) \tag{4}$$

$$(3x+5)(2x^2+9x-5) \tag{5}$$

$$(t^2+2t-5)(3t^2-t+2) \tag{6}$$

$$(r^2-8r-2)(-r^2+3r-1) \tag{7}$$

$$(x+1)(2x^2-2)(x^3+5) \tag{8}$$

$$(3x-4\sqrt[5]{y})(2x+9\sqrt[5]{y}) \tag{9}$$

$$(4x-3y)(x-5y) \tag{10}$$

$$(3x^3+4x^2-7x)(9x^3-4x^2-6x) \tag{11}$$

$$(7r^3+2r^2-11r)(-3r^3-2r^2+5r) \tag{12}$$

$$(x^3+1)(x^2-5)(x^3-1) \tag{13}$$

$$(r^z+s^z+t^z)(r^{-z}+s^{-z}+t^{-z}) \tag{14}$$

$$(3abc+4bac+2cab)(2zab+3azb+5baz) \tag{15}$$

$$\begin{aligned}&\left[(-2)^3klm+(3)^2xyz+8mlk+100xyz\right]\times\\&\left[(100)^2lmk+yzx-10000klm\right]\end{aligned} \tag{16}$$

$$(\sqrt[n]{x}+\sqrt{y})^2(\sqrt[n]{x}-\sqrt{y})^2 \tag{17}$$

$$(2x^2+5y^2)^2 \tag{18}$$

$$(x+y)^2(x-y)^2 \tag{19}$$

$$\left(x^{\frac{1}{3}}-y^{\frac{1}{3}}\right)\left(x^{\frac{2}{3}}+(xy)^{\frac{1}{3}}+y^{\frac{2}{3}}\right) \tag{20}$$

$$\left(x^{\frac{1}{3}}+y^{\frac{1}{3}}\right)\left(x^{\frac{2}{3}}-(xy)^{\frac{1}{3}}+y^{\frac{2}{3}}\right) \tag{21}$$

$$(5x-4y)^2 \tag{22}$$

$$\left((x-2y)(x+2y)-x^2\right)^3+63y^6 \tag{23}$$

$$\left(x^2+y^2\right)(xz+yz)(xz-yz) \tag{24}$$

$$\left(x^2+x\right)^2-x^{-2}\left(x^6+x^5+2x^4+x^3\right) \tag{25}$$