

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Mnohočleny – rozklad na součin vytýkání

Rozložte na součin:

$$\begin{aligned}5s^5-20s^4+30s^3=\\7u^3+28u^2-63u=\\42p^3r^2s-70p^2rs^2=\\-4x^2+6xy-2x=\\40u^2-16u^3xz-24u^2x^2z^3=\\-48a^3b^5c^4-16a^4b^3c^5-24a^3b^4c^3=\\-9x^2-12x^3y^2-3xy=\\-3m^4n^2-6m^3n^3-9m^2n^3=\\-10p^2q^2-40p^3q^4-100p^2q^4=\\-50r^3s+75r^2s^2-125rs^2=\end{aligned}$$

$$\begin{aligned}2a(k-1)-3(1-k)=\\-6u(u-1)+2(u-1)=\\4x(y-3)-7y(3-y)=\\(m-3).5x+9(3-m)=\\8n(x+4)-7(-x-4)=\\4a(m-2)-2b(-m+2)=\\5x(2x-y)-3y(y-2x)=\end{aligned}$$

$$\begin{aligned}4a^2-4b+a^2x-bx=\\a^2c^2-a^2-b^2c^2+b^2=\\6mx+9nx+4my+6ny=\\k^3+k^2+k+1=\\ab-a-b+1=\\s+s^2-s^3-1=\\2x+2xz+2yz+2y=\\4z^2+8z+4z^3=\\15abx-9b^2y+12bz=\\3ac-ad+6bc-2bd=\\36mp-18m-6+12p=\\6a^3-a^2-18a+3=\\xa+ay+x+a=\\25x^2-15x+5ax-3a=\end{aligned}$$