**MNOHOČLENY**

1. Vydeľte:
2. $\left(2m^{3}-3m^{2}-11m+6\right):\left(m+2\right)$ $\left[2m^{2}-7m+3\right]$
3. $\left(4x^{3}-5x^{2}y+6xy^{2}-y^{3}\right):\left(2x-3y\right) \left[2x^{2}+0,5 xy+3,75y^{2} zv \frac{41y^{3}}{4} \right]$
4. $\left(x^{3}+3x^{2}+4x+5\right):\left(x^{2}+2x+1\right)$ $\left[x+1 zv x+4\right]$
5. Rozlož na súčin:
6. $x^{3}+6x^{2}y+12xy^{2}+8y^{3}$
7. $x^{5}+x^{4}-2x^{3}-2x^{2}+x+1$
8. $8x^{3}-36x^{2}+54x-27$
9. $x^{4}+10x^{3}+35x^{2}+50x$
10. $m^{3}+m^{2}n-mn^{2}-n^{3}$
11. $xz-x^{2}+2xy-y^{2}-yz$
12. $c^{3}+c^{5}-c^{2}-c^{6}$
13. $x^{3}+9x^{2}+11x-21$