

## DIVISION VON TERMEN - LÖSUNG

Führe folgende Divisionen aus:

1.  $(3x^3-6x^2-27x+54):(x-3) = 3x^2+3x-18$

2.  $(2x^3+2x^2-10x+6):(x+3) = 2x^2-4x+2$

3.  $(x^3-5x^2-2x+24):(x+2) = x^2-7x+12$

4.  $(x^3+2x^2-5x+6):(x+1) = x^2+x-6$

5.  $(2x^3-16x^2+38x-24):(x-3) = 2x^2-10x+8$

6.  $(x^3+2x^2-x-2):(x+1) = x^2+x-2$

7.  $(x^3-3x^2-10x+24):(x-4) = x^2+x-6$

8.  $(a^3+3a^2b-4b^3):(a^2+4ab+4b^2) = a-b$

9.  $(a^4+a^2b^2-a^2b-b^3):(a^2+b^2) = a^2-b$

10.  $(a^3+a^2b^2-ab^2-b^4):(a^2-b^2) = a+b^2$

11.  $(a^3+a^2b^2-ab-b^3):(a+b^2) = a^2-b$

12.  $(a^4+a^3b-ab-b^2):(a^3-b) = a+b$