Führe folgende Divisionen aus:

1. (3x3-6x2-27x+54):(x-3) = **3x2+3x-18**
2. (2x3+2x2-10x+6):(x+3) = **2x2-4x+2**
3. (x3-5x2-2x+24):(x+2) = **x2-7x+12**
4. (x3+2x2-5x+6):(x+1) = **x2+x-6**
5. (2x3-16x2+38x-24):(x-3) = **2x2-10x+8**
6. (x3+2x2-x-2):(x+1) = **x2+x-2**
7. (x3-3x2-10x+24):(x-4) = **x2+x-6**
8. (a3+3a2b-4b3):(a2+4ab+4b2)= **a-b**
9. (a4+a2b2-a2b-b3):(a2+b2) = **a2-b**
10. (a3+a2b2-ab2-b4):(a2-b2) = **a+b2**
11. (a3+a2b2-ab-b3):(a+b2) = **a2-b**
12. (a4+a3b-ab-b2):(a3-b) = **a+b**