**FINAL REVIEW - FACTORING**

1. **Expand and Simplify:**a) $(3x-7)^{2}-5(x+2)$

b) $\left(x-1\right)\left(x+3\right)-(3x-5)(2x-5)$

c) $4-3\left(x-2\right)-(x+3)(7x-5)$

d) $\left(2x-3\right)\left(2x+3\right)-(4x-1)^{2}$

e) $(2x-3)(4x-5)(6x-1)$
2. **Factor as much as possible:**a) $x^{2}-2x-3$

b) $25x^{2}-30x+9$

c) $6x^{2}+x-1$

d) $81x^{2}-49$

e) $0,25x^{2}-0,04$

f) $(2x+3)^{2}-4\left(2x+3\right)-12$

g) $6(x+2)^{2}-11\left(x+2\right)-7$

h) $3(x+5)^{2}-23\left(x+5\right)+20$

i) $(x^{2}-9)^{2}-16(x+3)^{2}$

j) $4(x-5)^{2}-9(x+1)^{2}$