4. $2x^2+8x+8=0$

4. $(y+2)(2y+3)=6$

4. $3x(x+2)=5(x+2)$

4. $\frac{1}{2}(x-2)^2+x-2=0$

5. $x^2+2x-24=0$

5. $(x+1)^2=-(x+1)+56$

5. $2(x+2)(x-1)=(x+2)(x+4)$

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