

## 9.4 Home work

Solve the quadratics

1)  $(x-3)(2x+4)=0$

2)  $-5x(2x+3)=0$

Solve by Factoring (make sure one side equals 0!)

3)  $x^2+7x+12=0$

4)  $3x^2-4x-4=0$

5)  $x^2 - \overset{8}{\cancel{1}}x = 12$

6)  $5x^2+7x=2x$

7) Write a quadratic equation that has solutions  $x=3$ ,  $x=-5$ . Give your answer as a trinomial & don't forget the equals sign!