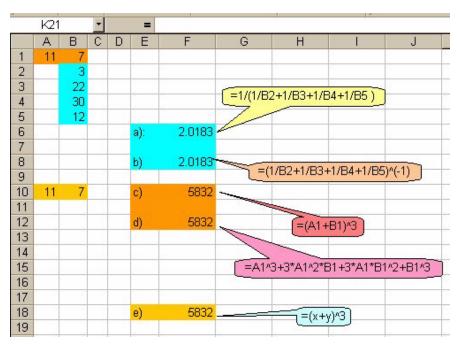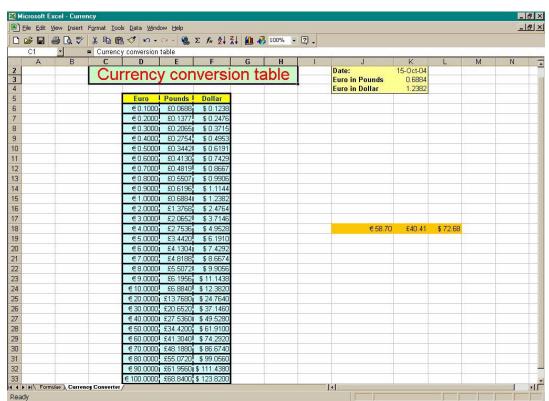# Solutions Lab-session 1

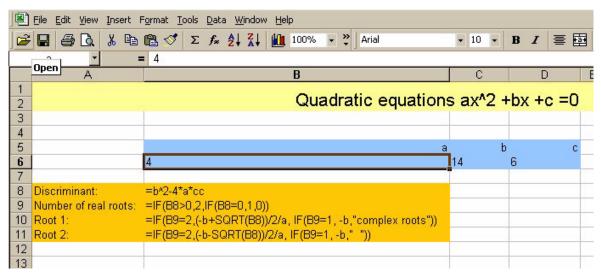1)

Formulae

2)

Currency conversion table.

3)   a) =FV(0.5%,60,-200,-2500,0) $\rightarrow$ £17,326.13

      b) =IF(x=0,1,SIN(x)/x)

4) .

	A	B	C	D	E
1					
2		Quadratic equations ax^2 +bx +c =0			
3					
4					
5			a	b	c
6		4	14	6	
7					
8	Discriminant:	=b^2-4*a*cc			
9	Number of real roots:	=IF(B8>0,2,IF(B8=0,1,0))			
10	Root 1:	=IF(B9=2,(-b+SQRT(B8))/2/a, IF(B9=1, -b,"complex roots"))			
11	Root 2:	=IF(B9=2,(-b-SQRT(B8))/2/a, IF(B9=1, -b," "))			
12					
13					

Quadratic equation solver.