

Exercise Solving Quadratics with the Formula



1) **Solve the equation** (Give your answers correct to 3 decimal places.)

$$x^2 + 4x + 1 = 0$$

/2 Marks



2) **Solve the equation** (Give your answers correct to 3 decimal places.)

$$x^2 + 8x + 6 = 0$$

/2 Marks



3) **Solve the equation** (Give your answers correct to 3 decimal places.)

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

/2 Marks



4) **Solve the equation** (Give your answers correct to 3 decimal places.)

$$x^2 - 7x + 2 = 0$$

/2 Marks



5) **Solve the equation** (Give your answers correct to 3 decimal places.)

$$2x^2 + 6x - 1 = 0$$

/2 Marks

total /10 Marks

You will normally have to spend 10 minutes on this ,
GREEN PEN your answer when you have finished.

If you got

from 0 to 4 marks = you need to revise again on this topic

from 5 to 7 marks = good work worth 7 % on the GCSE

from 8 to 10 marks = **excellent** worth grade 4 guaranteed