



- 1) Solve the equation $x^2 + 4x + 1 = 0$
Give your answers correct to 3 decimal places.



- 2) Solve the equation $x^2 + 8x + 6 = 0$
Give your answers correct to 3 significant figures.



- 3) Solve the equation $x^2 - 3x - 2 = 0$
Give your answers correct to 3 significant figures.



- 4) Solve the equation $x^2 - 7x + 2 = 0$
Give your answers correct to 3 significant figures.



- 5) Solve the equation $2x^2 + 6x - 1 = 0$
Give your answers correct to 3 significant figures.



- 6) Solve the equation $3x^2 - 2x - 20 = 0$
Give your answers correct to 3 significant figures.



- 7) Solve the equation $x^2 - 14x - 161.25 = 0$



- 8) Solve the equation $17x^2 - 92x - 206 = 0$
Give your answers correct to 3 significant figures.



- 9) $x^2 + 10x = 300$
Find the positive value of x .
Give your answer correct to 3 significant figures.



- 10) $(x + 2)(x - 3) = 1$
a) Show that $x^2 - x - 7 = 0$
b) Solve the equation $x^2 - x - 7 = 0$

Give your answers correct to 3 significant figures.