IGCSE – Solving quadratics – factorising & quad formula

Oct 04 Paper 2

17 Solve the equation

$$x^2 + 4x - 22 = 0.$$

Give your answers correct to 2 decimal places.
Show all your working.

Answer x = ... *or x =* .... [4]

Oct 06 Paper 2

17 Solve the equations

(a) $0.2x - 3 = 0.5x,$

Answer(a) x = ... [2]

(b) $2x^2 - 11x + 12 = 0.$

Answer(b) x = ... *or x =* .... [3]

Oct 05 Paper 2

23 **Showing all your working, solve**

(a) $\dfrac{5x}{2} - 9 = 0,$

Answer(a) x = ... [2]

(b) $x^2 + 12x + 3 = 0,$ giving your answers correct to 1 decimal place.

Answer(b) x = ... *or x =* .... [4]