

- 1 (a)** Express  $x^2 - 8x + 11$  in the form  $(x + p)^2 + q$  where  $p$  and  $q$  are constants. [2]

[illegible]

- (b)** Hence find the exact solutions of the equation  $x^2 - 8x + 11 = 1$ . [2]

[illegible]