

(2)

- (5) Moira served 9 icecreams at a party. 7 wanted chocolate dipped, 2 wanted plain. The total cost was \$19.25. The chocolate dipped icecreams are 50¢ more than a plain icecream. Calculate the cost of a plain ice cream.

Q2. Show that there is one point of intersection between: $x^2 + y^2 + 2x - 7 = 0$ and $y = x - 3$

Q3. The height of a door is 1 m longer than its width. The area of the door is 1.7 m^2 . What are the dimensions of the door?