







f(0) = -2 < 0 f(2) > 2 > 0, f(0) < 0 < f(2)By the Infermeliate Value theorem, f(0) = 0 for

Some $c \in (0,2)$, $h = c^2 - 2 = 0$, $h = c^2 = 2$ h = c = 52 exists.







