*10^{th} Maths - Chapter 4 This is Problem-1(iv) from Exercise 4.2

$16x^2 - 8x + 1 = 0$

Solution:

$x = \frac{-b \pm \sqrt{b^2-4ac}}{2a}$

$x = \frac{8 \pm \sqrt{8^2-4\times16\times1}}{2\times16}$

$x = \frac{8+\sqrt{64-64}}{32}$

$x = \frac{8+\sqrt{0}}{32}$

$x = \frac{8}{32}$

$x = \frac{1}{4}$