*10th Maths - Chapter 4 This is Problem-1(iv) from Exercise 4.2 $16x^2 - 8x + 1 = 0$ Solution: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ $x = \frac{8 \pm \sqrt{8^2 - 4 \times 16 \times 1}}{2 \times 16}$ $x = \frac{8 + \sqrt{64 - 64}}{32}$ $x = \frac{8 + \sqrt{0}}{32}$ $x = \frac{8 + \sqrt{0}}{32}$ $x = \frac{8}{32}$ $x = \frac{1}{4}$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{\frac{2a}{2 \times 16}}$$
$$x = \frac{8 \pm \sqrt{8^2 - 4 \times 16 \times 1}}{\frac{2 \times 16}{2}}$$

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

$$x = \frac{8+\sqrt{0}}{22}$$

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

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