

$$24x^2 + 27x + 7 = 0$$

$$ax^2 + bx + c$$

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

$$x = \frac{-27 \pm \sqrt{27^2 - 4 \times 24 \times 7}}{2 \times 24}$$

$$+ = \text{---} - 0.41$$

$$- = \text{---} - 0.72$$

$$\text{iv) } 7^x \times 3^{x+2} = 5^{x-1}$$

~~Q. 10) Solve the following~~
~~Q. 11) Solve the following~~
~~Q. 12) Solve the following~~
~~Q. 13) Solve the following~~

~~Q. 14) Solve the following~~

c) i) $27R^2 + 24R + 5$
 $(9R + 5)(3R + 1)$
 $27R^2 + 9R + 15R + 5$
 $27R^2 + 24R + 5$

ii) $81Q^2 - 144U^2$
 $9(3Q + 4U)(3Q - 4U)$
 $(27Q + 36U)(3Q - 4U)$
 $81Q^2 - 144U^2$

~~Q. 15) Solve the following~~

iii)

d) i) $x^2 + 9x + 8 = 0$
 $(x + 8)(x + 1) = 0$
 $x^2 + x + 8x + 8 = 0$

$$x + 8 = 0$$

$$x = -8$$

$$x + 1 = 0$$

$$x = -1$$