2. The roots of the equation

are
$$\alpha$$
, β and γ

Without solving the equation,

$$\alpha + \beta + \gamma$$
 $\alpha\beta + \alpha\gamma + \beta\gamma$ $\alpha\beta\gamma$

 $2x^3 - 3x^2 + 12x + 7 = 0$

(i)
$$\frac{2}{\alpha} + \frac{2}{\beta} + \frac{2}{\gamma}$$

(iii) $\alpha^2 + \beta^2 + \gamma^2$

$$\frac{2}{a} + \frac{2}{b} + \frac{2}{a}$$

$$\overline{\gamma}$$

(i)
$$\frac{\alpha}{\alpha} + \frac{\beta}{\beta} + \frac{\gamma}{\gamma}$$

(ii) $(\alpha - 1)(\beta - 1)(\gamma - 1)$

$$\frac{-}{\alpha} + \frac{-}{\beta} + \frac{-}{\gamma}$$

(1)