

$$a) \quad x^2 + 17x + 30 = 0$$

$$x^2 + 17x + (-30) = 0 \quad (-30) = (-5)(-6)$$

$$x^2 + 17x + (-30) = 0$$

$$(x+5)(x+6) = 0$$

$$x+5=0 \quad \text{or} \quad x+6=0$$

$$x+5=0 \quad \text{or} \quad x+6=0$$

$$b) \quad x^2 - 16 = 0$$

$$x^2 - 16 = 0 \quad 16 = 4 \times 4$$

$$x^2 = 16$$

$$x = \pm \sqrt{16}$$

$$x = 4 \quad \text{or} \quad x = -4$$

Question 3

Q)



i) $\sin A$

ii) $\cos C$

Sol: $\sin A$