

④

$$(x+7)=0 \quad (x+2)=0$$

$$\frac{x+7=0}{x=-7} \quad -7$$

$$\frac{x+2=0}{x=-2} \quad -2$$

$$x = -7 \quad \text{and} \quad x = -2$$

$$(ii) \quad x^2 - 7x + 10 = 0$$

$$(\cancel{x-5})(\cancel{x+2})(\cancel{x+5})(\cancel{x+2})$$

$$x^2 \quad \cancel{x^2+5} \quad (x+5)(x-2)$$

$$(x-5)(x+2) \quad x^2+5x-2x-10$$

$$x^2-5x+2x+10 \quad \times$$

$$x^2-3x+10 \quad \times$$

$$(x-5)(x-2)$$

$$x^2-5x-2x+10 \quad \checkmark$$

$$x^2-7x+10 \quad \checkmark$$