

2005342

I.

$$1. \quad x^2 + 8x + 15 = 0$$

$$(x+3)(x+5) = 0$$

$$x+3=0$$

$$x = \underline{\underline{-3}}$$

$$x+5=0$$

$$x = \underline{\underline{-5}}$$

II.

$$~~x^2 - 225 = 0~~ \quad x^2 - 225 = 0$$

$$x^2 = 225$$

$$x = \sqrt{225}$$

$$x = \underline{\underline{15}}$$

III.

$$x^2 + 11x + 30 = 0$$

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

$$x+5=0$$

$$\underline{\underline{x = -5}}$$

$$(x+6)=0$$

$$\underline{\underline{x = -6}}$$