

حل المعادلات التربيعية باستخدام إكمال المربع

$$. x^2+14x=15$$

$$a. X^2+ 14x+ \underline{\hspace{2cm}} = 15 + \underline{\hspace{2cm}}$$

$$b.(x+\underline{\hspace{2cm}})^2=64$$

$$c. \sqrt{(x + \underline{\hspace{2cm}})} = \sqrt{(64)}$$

$$d. x+ \underline{\hspace{2cm}} = \pm 8$$

$$e. x= \underline{\hspace{2cm}} \text{ and } x= \underline{\hspace{2cm}}$$

$$. x^2-6x=16$$

$$a. x^2-6x+ \underline{\hspace{2cm}} = 16+ \underline{\hspace{2cm}}$$

$$b. (x-\underline{\hspace{2cm}})^2= 25$$

$$c. \sqrt{(x + \underline{\hspace{2cm}})} = \sqrt{(25)}$$

$$d. X- \underline{\hspace{2cm}} = \pm 5$$

$$e. x= \underline{\hspace{2cm}} \text{ and } x= \underline{\hspace{2cm}}$$