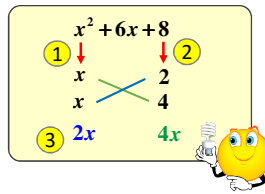


## 十字交乘法

$$(x+2)(x+4) = x^2 + 6x + 8$$

$$\begin{array}{r} x \quad +2 \\ x \quad +4 \\ \hline \end{array}$$

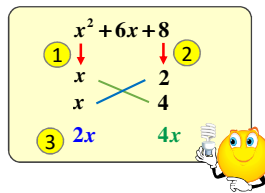


NOTE:

## 例題練習

因式分解 (1)  $x^2 - 2x - 8$

(2)  $x^2 - 7x + 12$



NOTE:

## 例題練習

因式分解 (1)  $-x^2 + 4x - 3$

(2)  $2x^2 + 13x - 24$

NOTE:

## 例題練習

因式分解 (1)  $12x^2 - 29x + 15$     (2)  $33x^2 + 12x - 21$

NOTE:

## 重點整理

NOTE:

$$x^2 + 6x + 8 = (x + 2)(x + 4)$$

拆  $x^2$  項    ① ↓  $x$     ↓  $2$     ②    拆常數項

$x$      $4$

③     $2x$  +  $4x = 6x$

確認