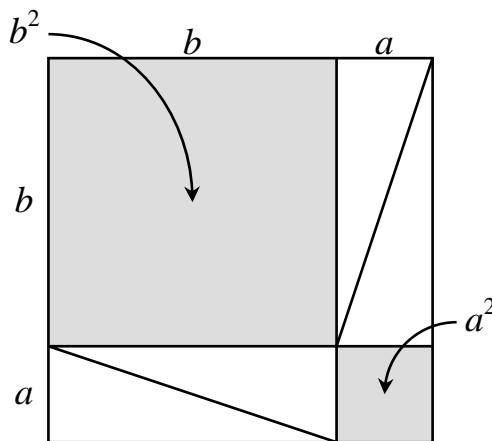
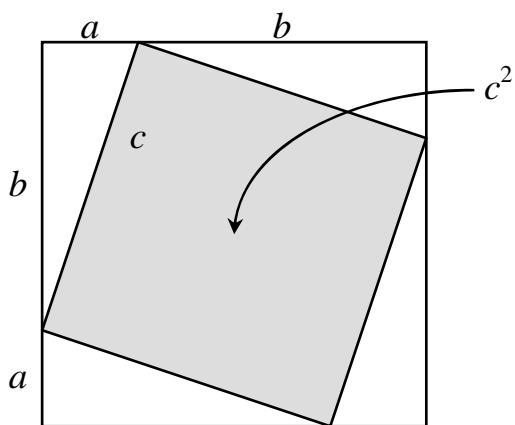
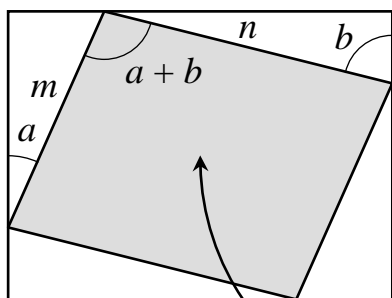


## 有圖為證：畢氏定理及複角公式

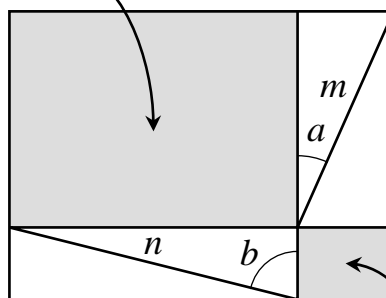
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$$\therefore c^2 = a^2 + b^2$$



$$(m \cos a)(n \sin b)$$



$$mn \sin(a + b)$$

$$(m \sin a)(n \cos b)$$

$$\therefore mn \sin(a + b) = (m \cos a)(n \sin b) + (m \sin a)(n \cos b)$$

$$\text{即 } \sin(a + b) = \sin a \cos b + \sin b \cos a$$