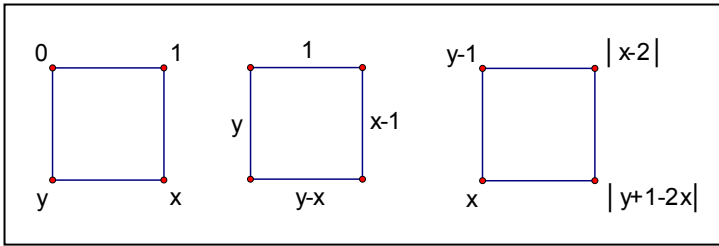


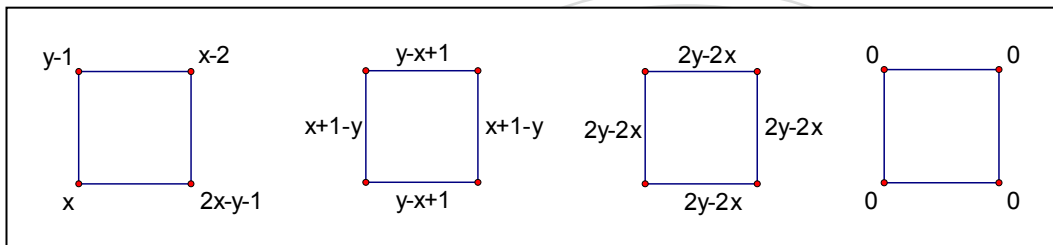
附錄二



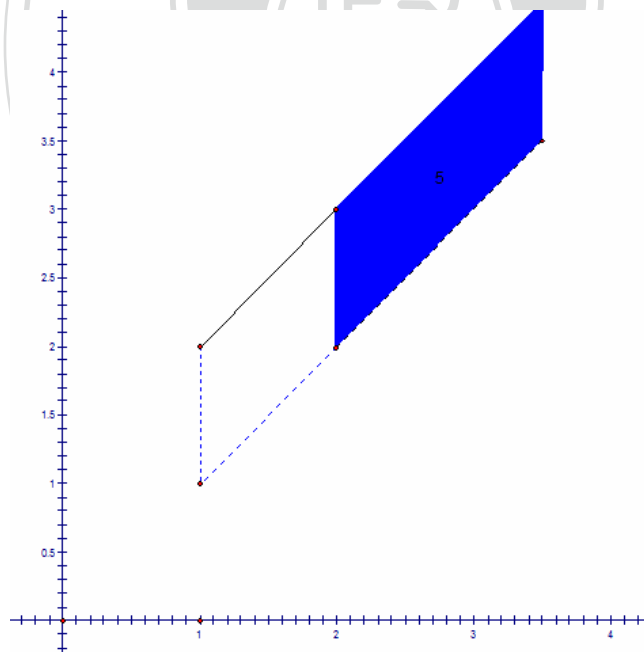
(圖 5.2)

討論 $\begin{cases} 1. & x \geq 2 \\ 2. & x < 2 \end{cases}$

1. $x \geq 2$

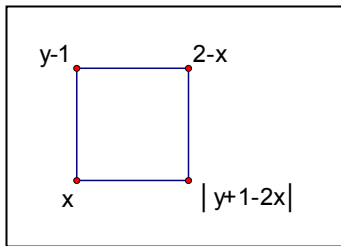


(圖 5.3)



(圖 5.4)

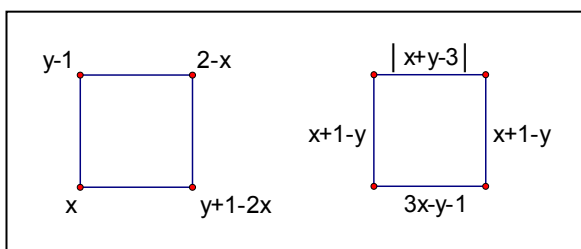
2. $x < 2$



(圖 5.5)

討論 $\begin{cases} 2-1. & y+1 \geq 2x \\ 2-2. & y+1 < 2x \end{cases}$

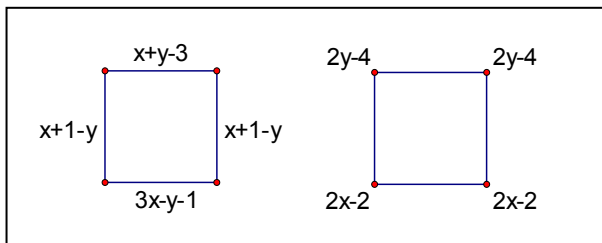
2-1. $y+1 \geq 2x$



(圖 5.6)

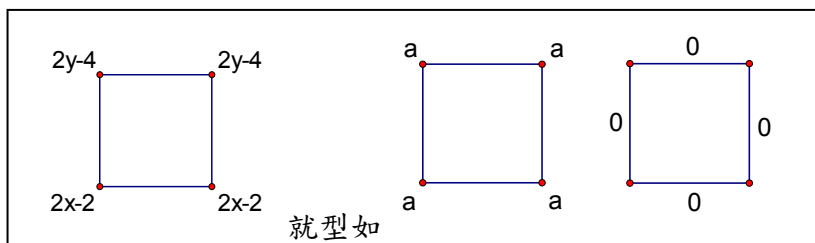
討論 $\begin{cases} 2-1-1. & x+y \geq 3 \\ 2-1-2. & x+y < 3 \end{cases}$

2-1-1. $x+y \geq 3$



(圖 5.7)

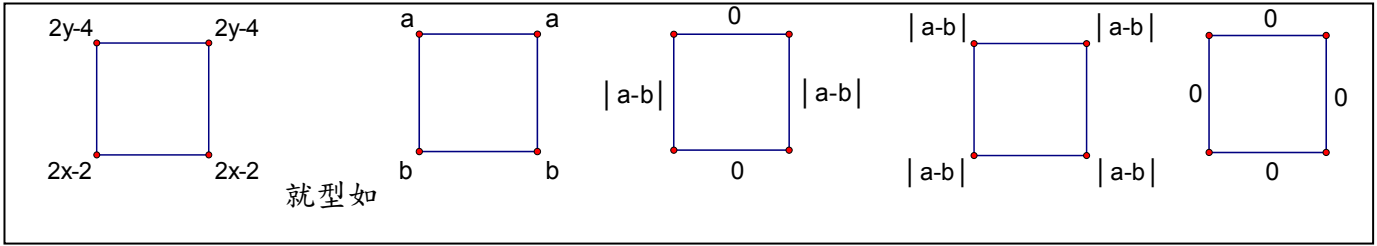
假如 $y = x+1$



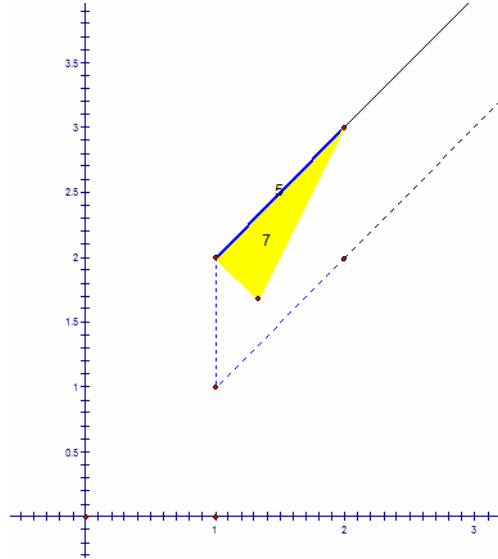
就型如

(圖 5.8)

假如 $y \neq x+1$

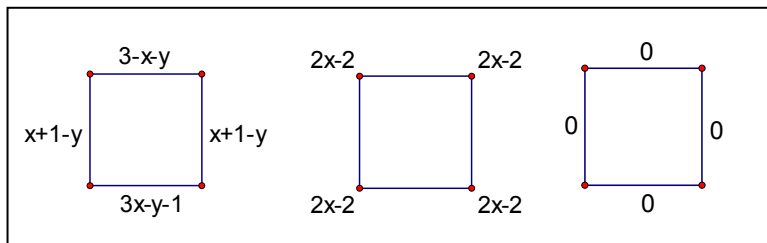


(圖 5.9)

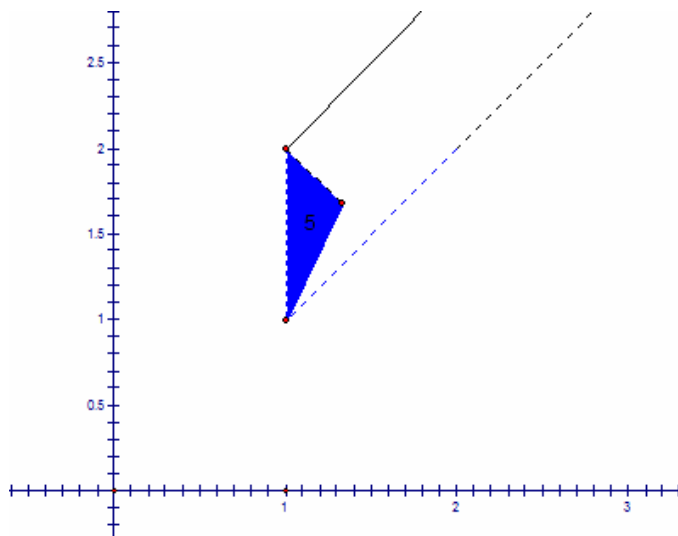


(圖 5.10)

2-1-2. $x + y < 3$

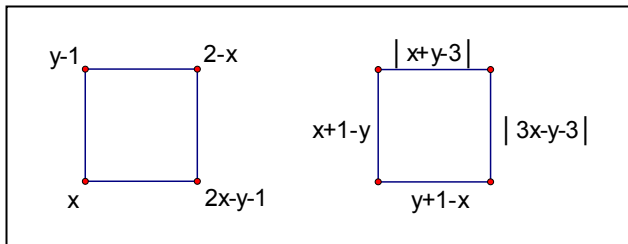


(圖 5.11)



(圖 5.12)

2-2. $y+1 < 2x$

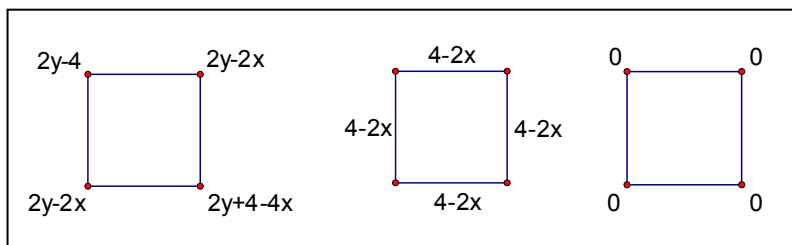


(圖 5.13)

討論 $\begin{cases} 2-2-1. & x+y \geq 3, 3x-y \geq 3 \\ 2-2-2. & x+y \geq 3, 3x-y < 3 \\ 2-2-3. & x+y < 3, 3x-y < 3 \end{cases}$

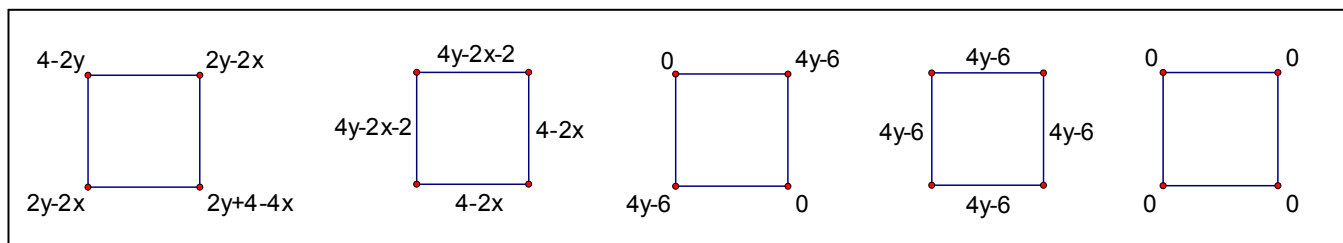
2-2-1. $x+y \geq 3, 3x-y \geq 3$

假如 $y \geq 2$

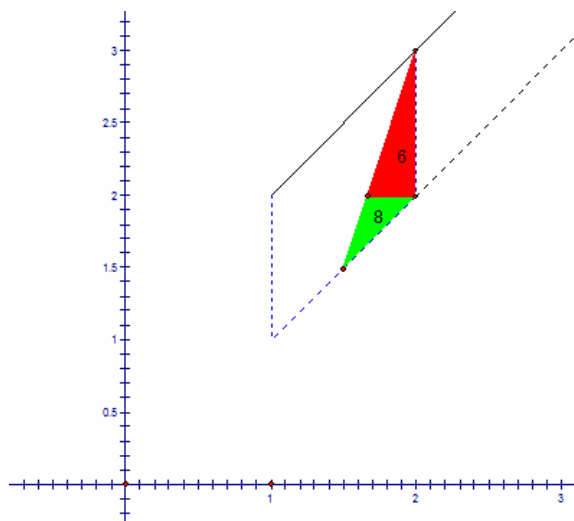


(圖 5.14)

假如 $y < 2$

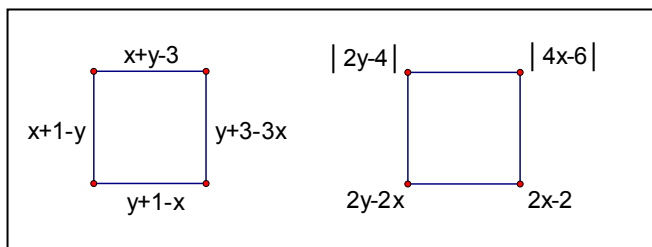


(圖 5.15)



(圖 5.16)

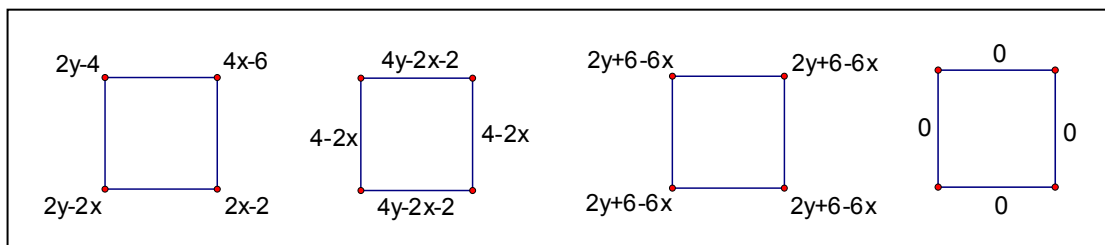
2-2-2. $x + y \geq 3, 3x - y < 3$



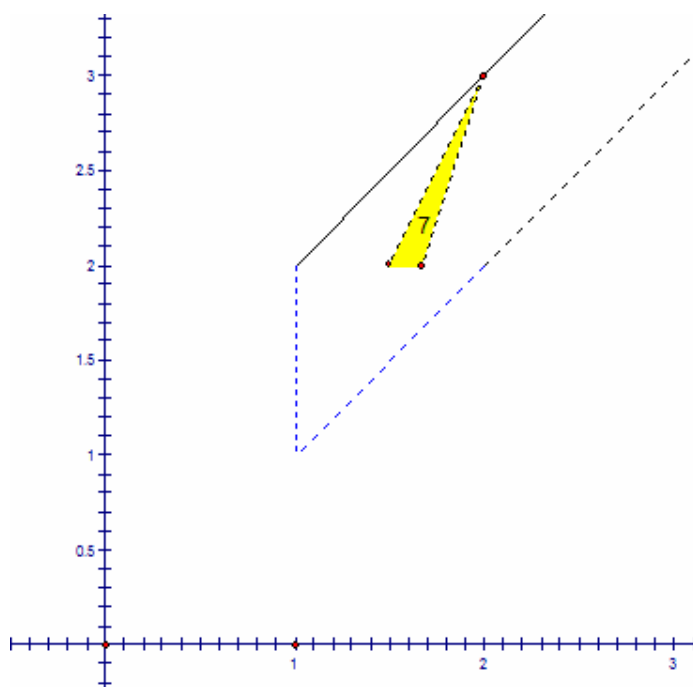
(圖 5.17)

討論 $\begin{cases} 2-2-2-1. & 2y \geq 4, 4x \geq 6 \\ 2-2-2-2. & 2y < 4, 4x \geq 6 \\ 2-2-2-3. & 2y < 4, 4x < 6 \end{cases}$

2-2-2-1. $2y \geq 4, 4x \geq 6$

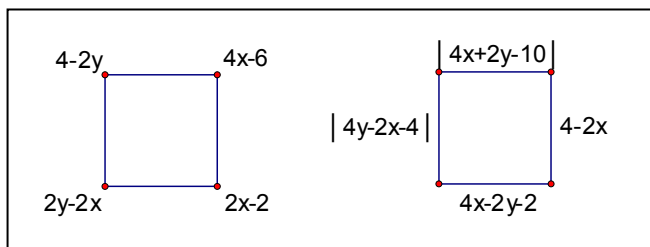


(圖 5.18)



(圖 5.19)

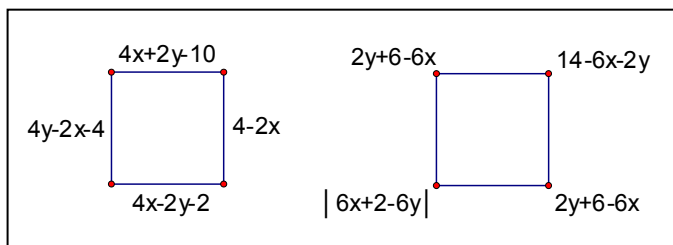
2-2-2-2. $2y < 4, 4x \geq 6$



(圖 5.20)

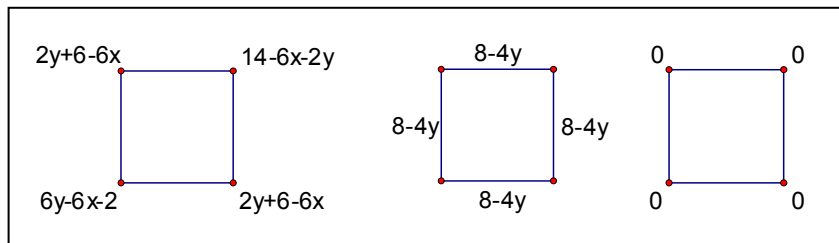
討論 $\begin{cases} 2-2-2-2-1. & 4x+2y \geq 10, 4y \geq 2x+4 \\ 2-2-2-2-2. & 4x+2y < 10, 4y \geq 2x+4 \\ 2-2-2-2-3. & 4x+2y < 10, 4y < 2x+4 \end{cases}$

2-2-2-2-1. $4x+2y \geq 10, 4y \geq 2x+4$



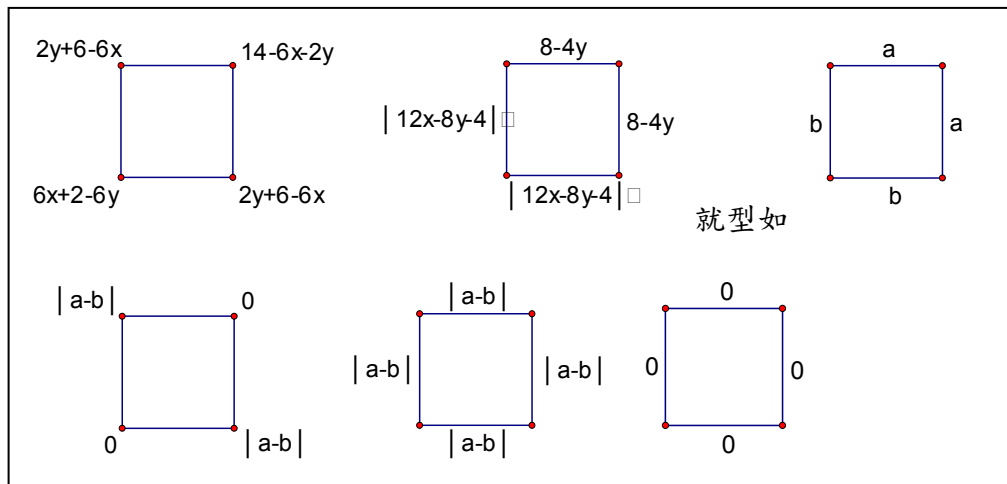
(圖 5.21)

假如 $6y \geq 6x+2$



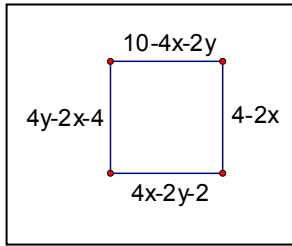
(圖 5.22)

假如 $6y < 6x+2$



(圖 5.23)

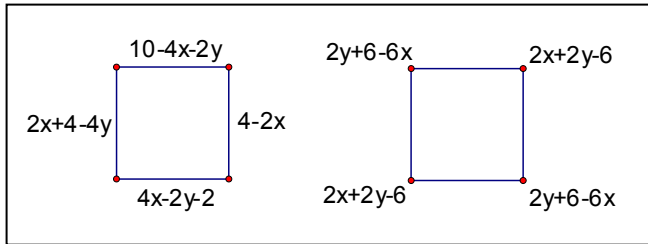
2-2-2-2-2. $4x + 2y < 10, 4y \geq 2x + 4$



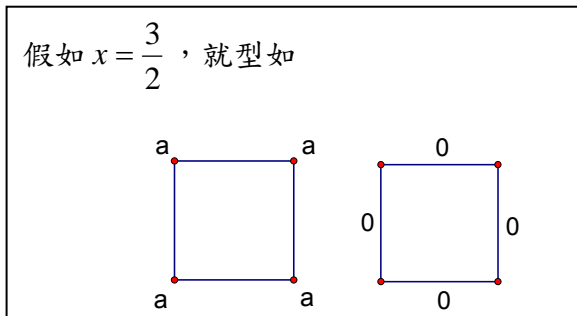
.....(*3)

(圖 5.24)

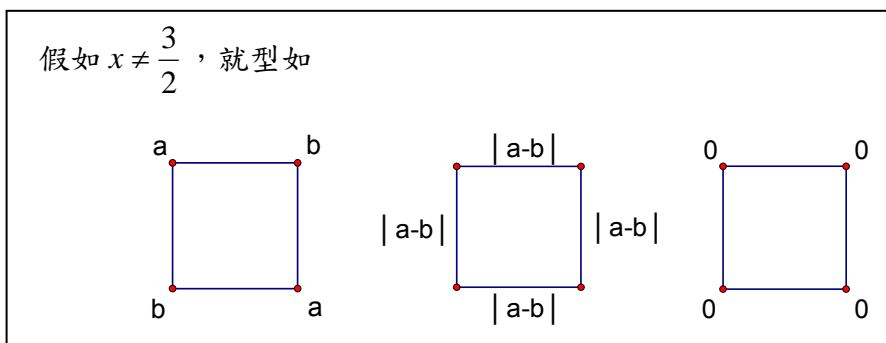
2-2-2-2-3. $4x + 2y < 10, 4y < 2x + 4$



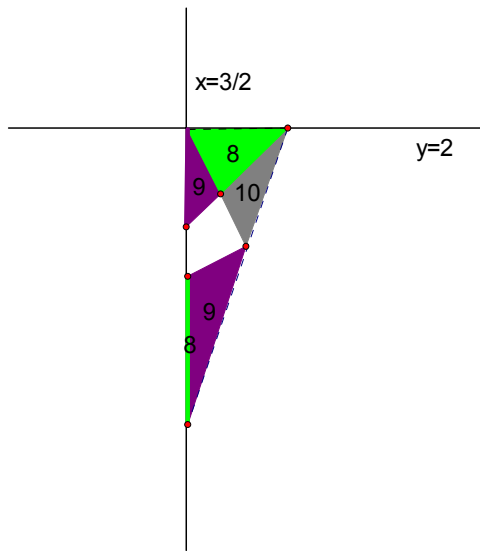
(圖 5.25)



(圖 5.26)

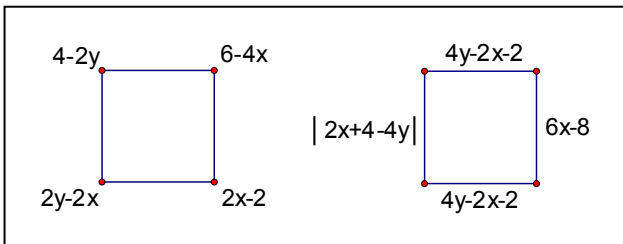


(圖 5.27)

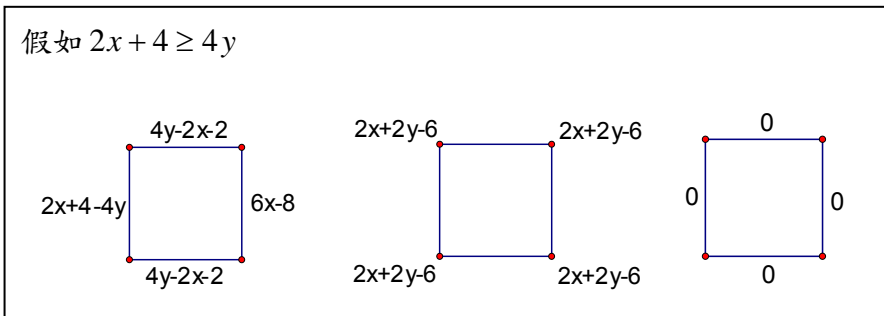


(圖 5.28)

2-2-2-3. $2y < 4, 4x < 6$

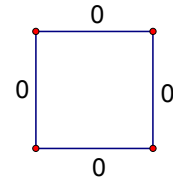
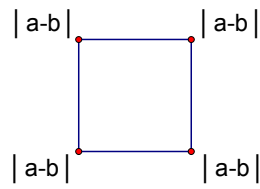
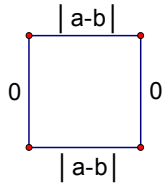
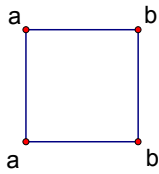
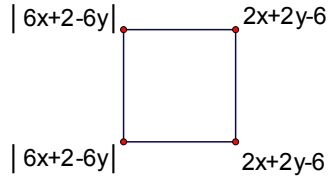
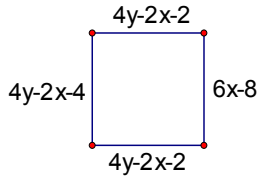


(圖 5.29)



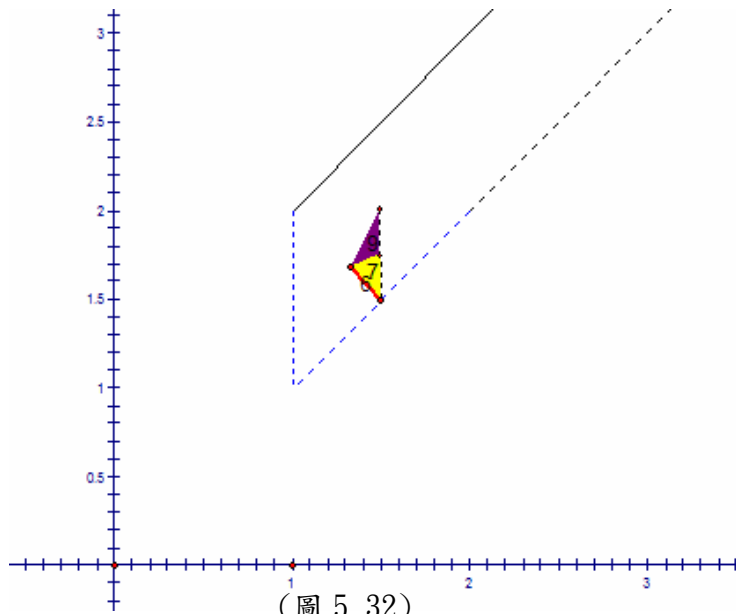
(圖 5.30)

假如 $2x + 4 < 4y$



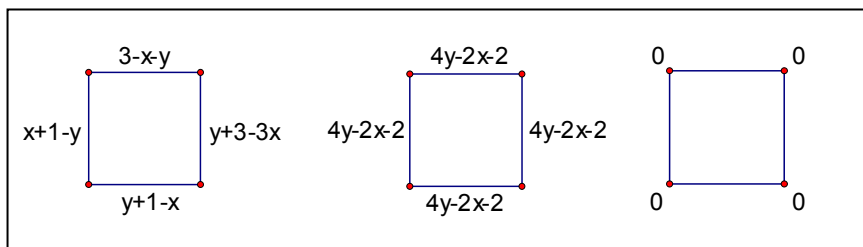
就型如

(圖 5.31)

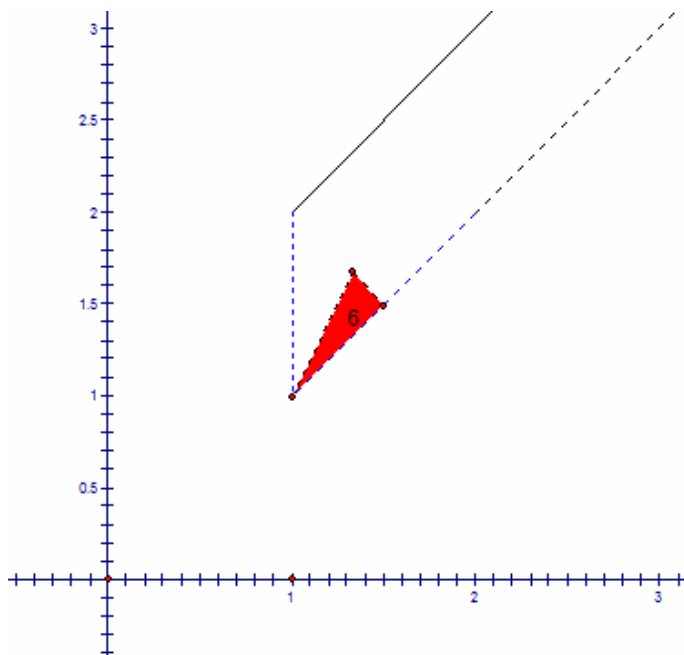


(圖 5.32)

2-2-3. $x + y < 3, 3x - y < 3$



(圖 5.33)



(圖 5.34)