

$$1 = 5 - 2 \times 2$$

$$1 = 5 - (27 - 5 \times 5) \times 2$$

$$1 = (59 - 27 \times 2) - (27 - 5 \times (59 - 27 \times 2)) \times 2$$

$$= 59 - 27 \times 2 - 2 \times 27 + 10 \times (59 - 27 \times 2)$$

$$= 59 \times (1 + 27 \times (-24))$$

$$= 59 \times 11 + \cancel{27} (86 - 59) \times (-24)$$

$$= 86 \times (-24) + 59 \times (35),$$

$(-24; 35)$ sol. particulier

$$\text{ou } \underline{86x + 59y = 1}$$