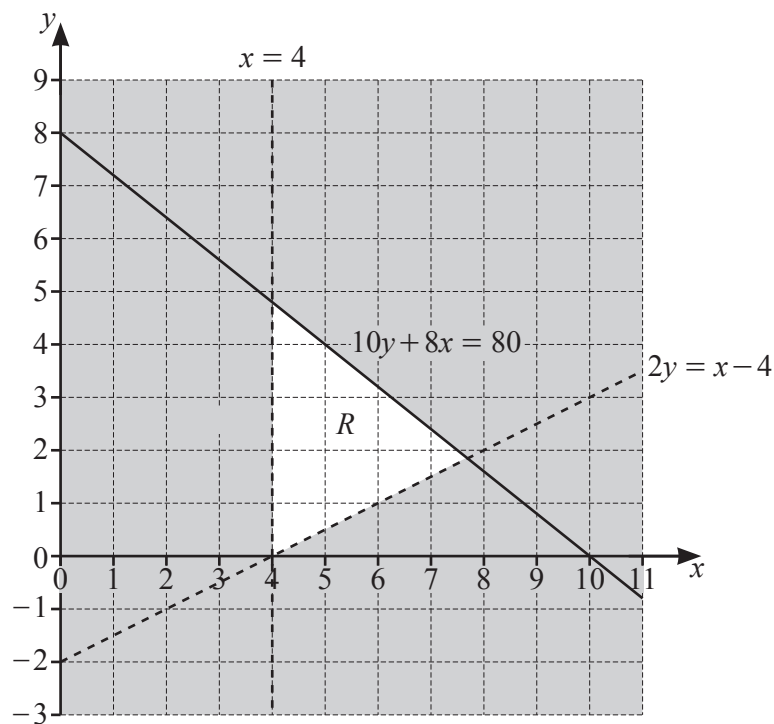


- 10 (a) Find all the positive integers which satisfy the inequality.

$$3n - 8 > 5n - 15$$

..... [2]

(b)



The region marked R is defined by three inequalities.

- (i) Find these three inequalities.

.....

 [3]

- (ii) Write down the largest value of $3x + y$ in the region R for integers x and y .

..... [2]