

5

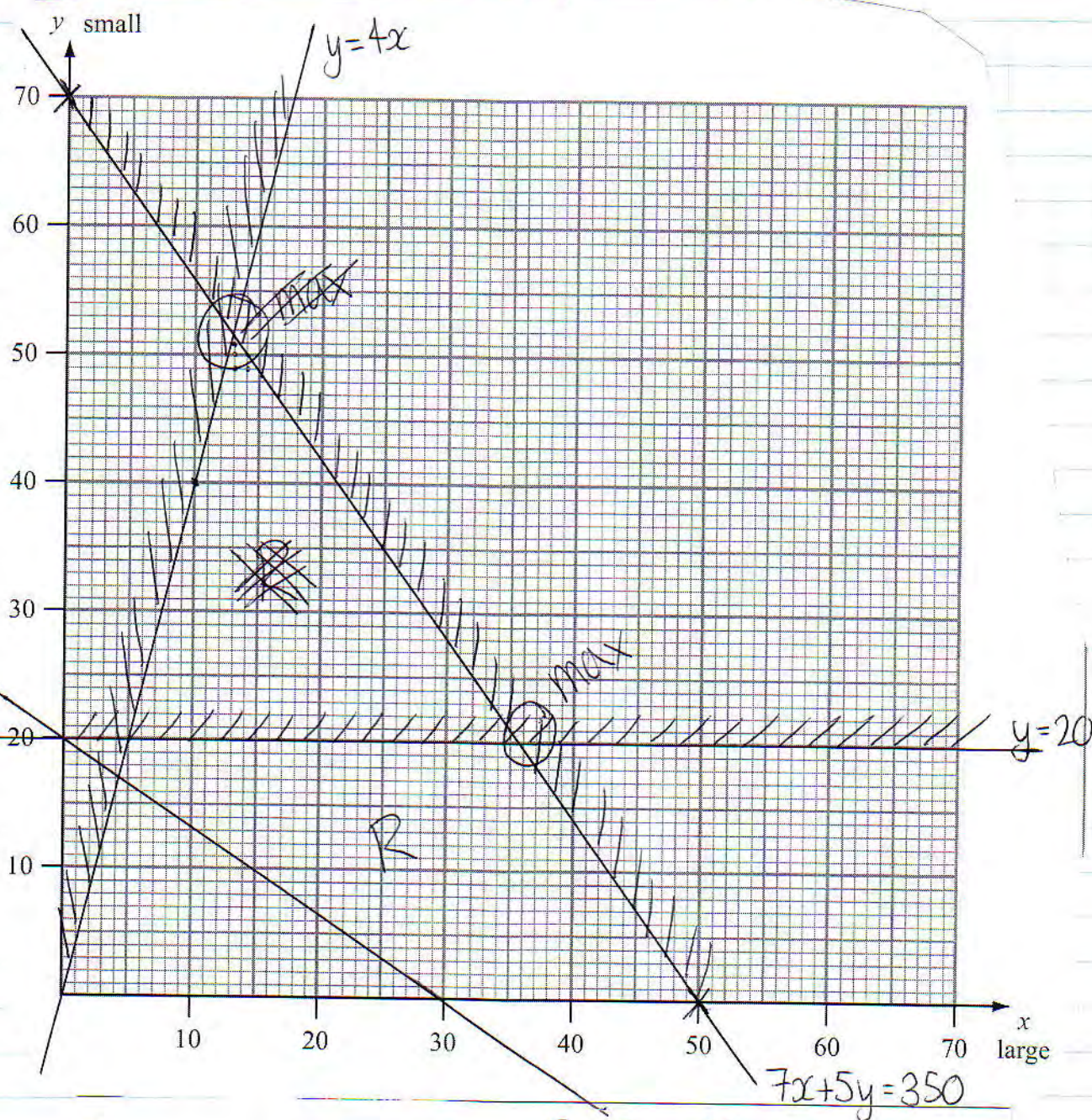
a) $7x + 5y \leq 350$

b) She can make at most 20 small baskets

~~She must make at least~~

The number of small baskets cannot exceed 4 times the number of large.

c)



d) $P = 2x + 3y$

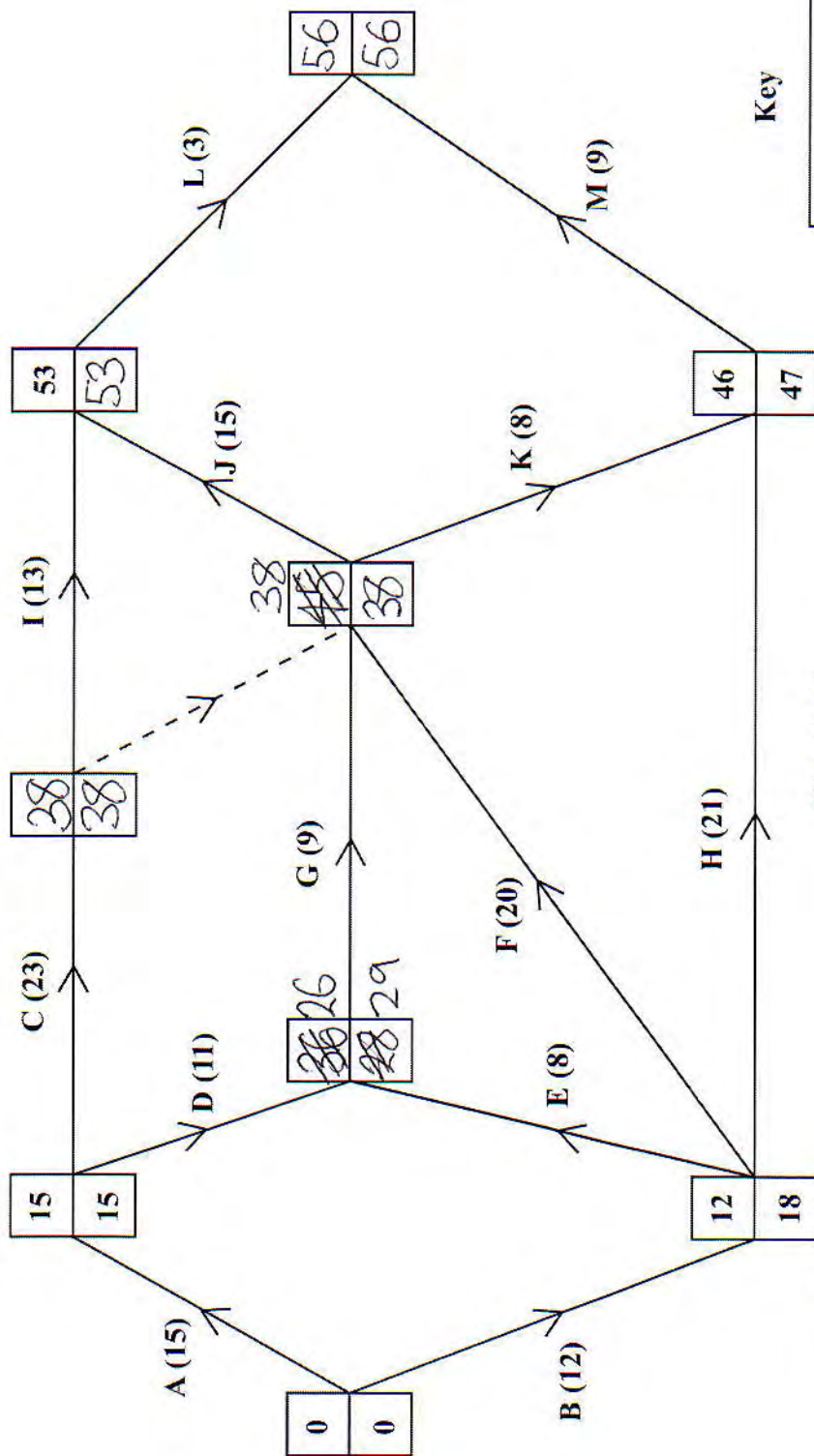
$2x + 3y = 60$
(objective line)

⑥ e) max point needs integer coordinates:

$$\text{max occurs at } (35, 20) \quad P = 2 \times 35 + 3 \times 20 = \underline{\underline{\pounds 130}}$$

7

8. (a)



(b) Critical activities ACJSL

(c)

$$M: 56 - 9 - 46 = 1$$

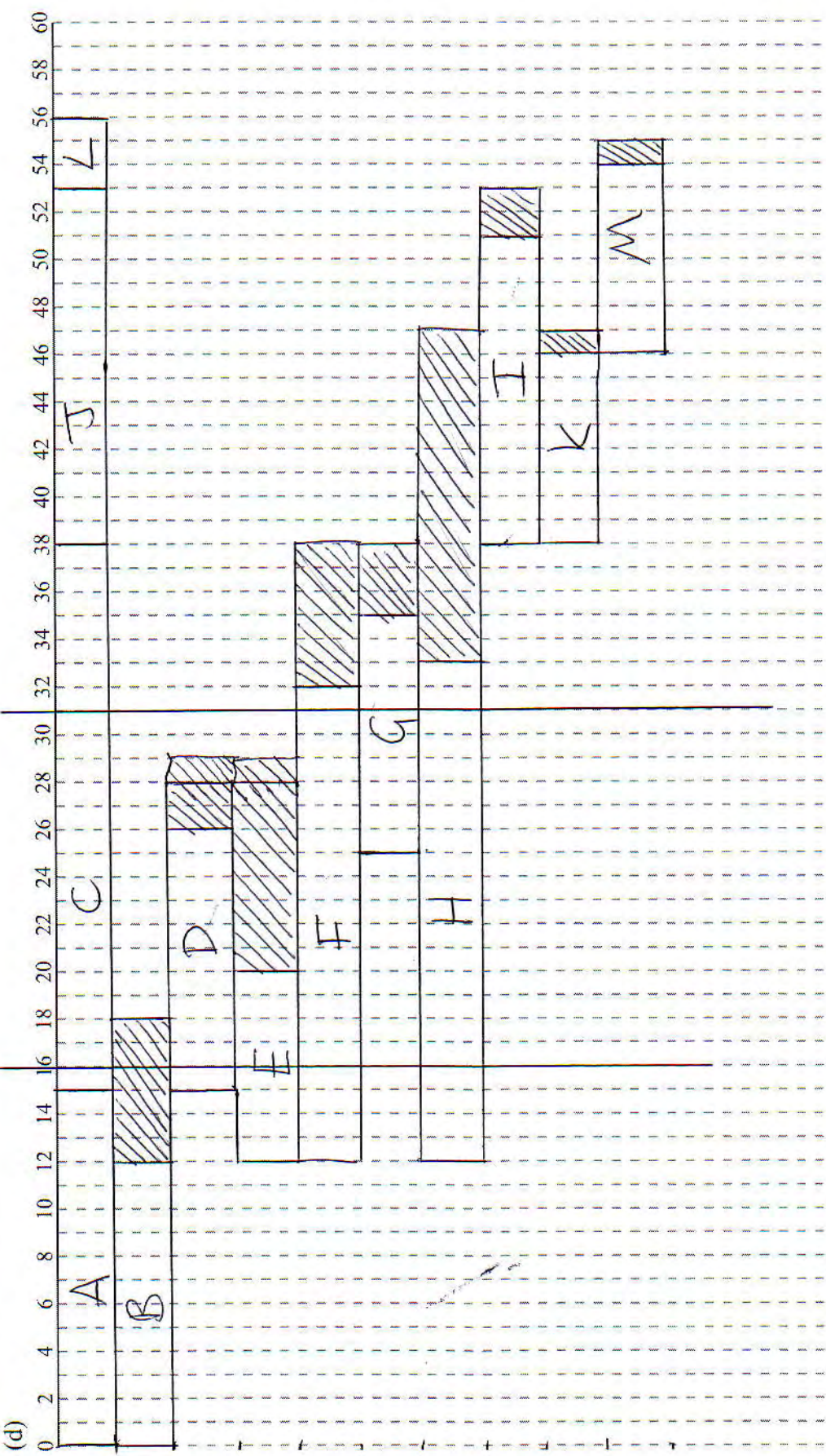
$$H: 47 - 21 - 12 = 14$$

Leave blank



8

(Question 8 continued)



(e) Day 16 C, F, G, H
Day 31 C, F, G, H

Leave blank

Q8

(Total 15 marks)

TOTAL FOR PAPER: 75 MARKS

END

