[. a)
$$3x - 188 = |(1)$$

 $(1) \Rightarrow (32 = 8x - 1) \Rightarrow (32 = -1 \pmod{3})$
 $\Rightarrow 2 = 2 \pmod{3}$
 $\therefore 2 = 2 + 2 + 6 = 2 \pmod{3}$
 $\therefore 2 = 2 + 3 + 6 = 2 \pmod{3}$
 $3x - (3(2 + 3 + 2) = 1)$
 $3x - 26 - 39 + 1 = 1$
 $3x = 27 + 39 + 2 = 3 + 26 + 52 + 3 \pmod{5}$
 $x = 9 + 13 + 2 + 2 = 3 \Rightarrow 26 + 52 + 3 \pmod{5}$
 $x = 9 + 13 + 2 + 2 \Rightarrow 26 + 52 + 3 \pmod{5}$
 $x + 2 + 2 \pmod{5}$
 $x + 2 + 3 + 2 + 2 \Rightarrow 2 + 2 + 3 + 3 \Rightarrow 2 + 3 + 3 \Rightarrow 2 + 3$

3-a) \$ (493) = \$6(17-29) = (17-1)(29-1) = 448. b) Because gcol (3, \$(M)) = geol (3, 448) = 1 :. 3 carbo and to energy E: m+> c where c=m (and W)

c) Find 3' in Eggs.

448 = 149 · 3 + 1

1 = 448 - 149 · 3

- 3 = -149 = 299 (and 448).

- , L = 299.