10-1-1 10-1-

Q: IUPAC name?

(1) (M3 - CM3 - CM3 - I

@ Flud the purent.

C-C-C-C butane.

2) Find the substituent.

I. (1- Iodo)

3) Write full name

1 - Iodo butane.

(b) c/3 - c/1-c/2-c/2-c/

1 - Ohloro - 3- methy butone.

(C) 107 - 01/2-01/2-01/2-01/2-107

1. 5 - Dibromo - 2. 2 - dimethyl pentane

Problem 10-1-2

cd)  $cH_3 - c - cH_2 - cH_2 - cI$ 

1. 3 - Dichloro - 3 - methy butane

(e)  $d_3 - d_1 - d_3 - d_3$ 

1 - Chloro - 3- ethel - 4 - lado pontame.

2- Bromo - 5- chloro hexame.

Problem 10-3-1 Q: What are products from rxn? Ohital ?. CH3 - CH2 - CH-CH3 → H - G - G - C - C - C - H

H - G - G - C - C - C - C - H  $\frac{h}{H} \rightarrow H - \dot{c} - \dot{c} - \dot{c} - \dot{c} - \dot{c} - \dot{c} + \dot{c}$ 4 4 4 M3 14

$$Cl_{2} \xrightarrow{hv} Cl_{1} \cdot cl_{2}$$

$$CH_3 - CH_2 - CH_3 - CH_3 + CI_2$$
 $CH_3$ 

$$- > c_1 - c_{12} - c_{12} - c_{13} - c_{13}$$

$$c_{13}$$

$$CH_3 - CH - CH_2 - CH - CH_3$$

$$CH_3 - CH_2 - CH_3 - CH_3$$

## Ptoblem 10-5 Same red kow [] resonance structures Three

1 to blem 10 - 6.

Problem 10-7-1

(b) 
$$c_{13} - c_{11} - c_{11} = c_{11} - c_{11} = c_{11} + Br$$

$$CH_3$$
  $CH_3$   $CH_3$ 

$$\begin{array}{c} \text{HBr. MBs.} \\ \text{Ms-dH-cH} = \text{cH-cH}_{\text{s}} \text{ or } \text{Ms-dH-cH} = \text{cH-cH}_{\text{s}} \\ \text{Br.} \end{array}$$

$$c_{13} - \frac{c_{13}}{c_{13}} = c_{13} - c_{13} = c_{13} - c_{13} =$$