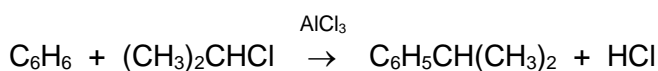
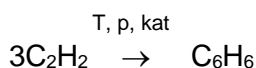
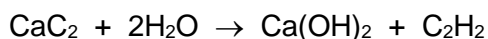
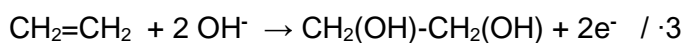


**Zadanie 22**

3,34 g

**Zadanie 23****Zadanie 24**

- a) dla 4-etylo-5-metyloheks-1-enu:  $\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}(\text{C}_2\text{H}_5)-\text{CH}_2-\text{COOH}$ ,  $\text{CO}_2$   
dla 4,5-dimetyloheks-2-enu:  $\text{CH}_3-\text{CH}_2-\text{C}(\text{CH}_3)_2-\text{COOH}$ ,  $\text{CH}_3-\text{COOH}$
- b) kwas 3-etylo-4-metylopentanowy

**Zadanie 25**

- a) alken A:  $\text{CH}_3-\text{CH}_2-\text{C}(\text{CH}_3)=\text{CH}-\text{CH}_2-\text{CH}_2-\text{CH}_3$   
alken B:  $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2-\text{CH}_2-\text{CH}_3$
- b) alken A:  $\text{CH}_3-\text{CH}_2-\text{C}(\text{O})-\text{CH}_3$ ,  $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{COOH}$   
alken B:  $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{COOH}$ ,  $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{COOH}$
- c) Masa płuczki wzrośnie o 1,32 g