Subject: Recitation 11

Year: Month: Date:

1.

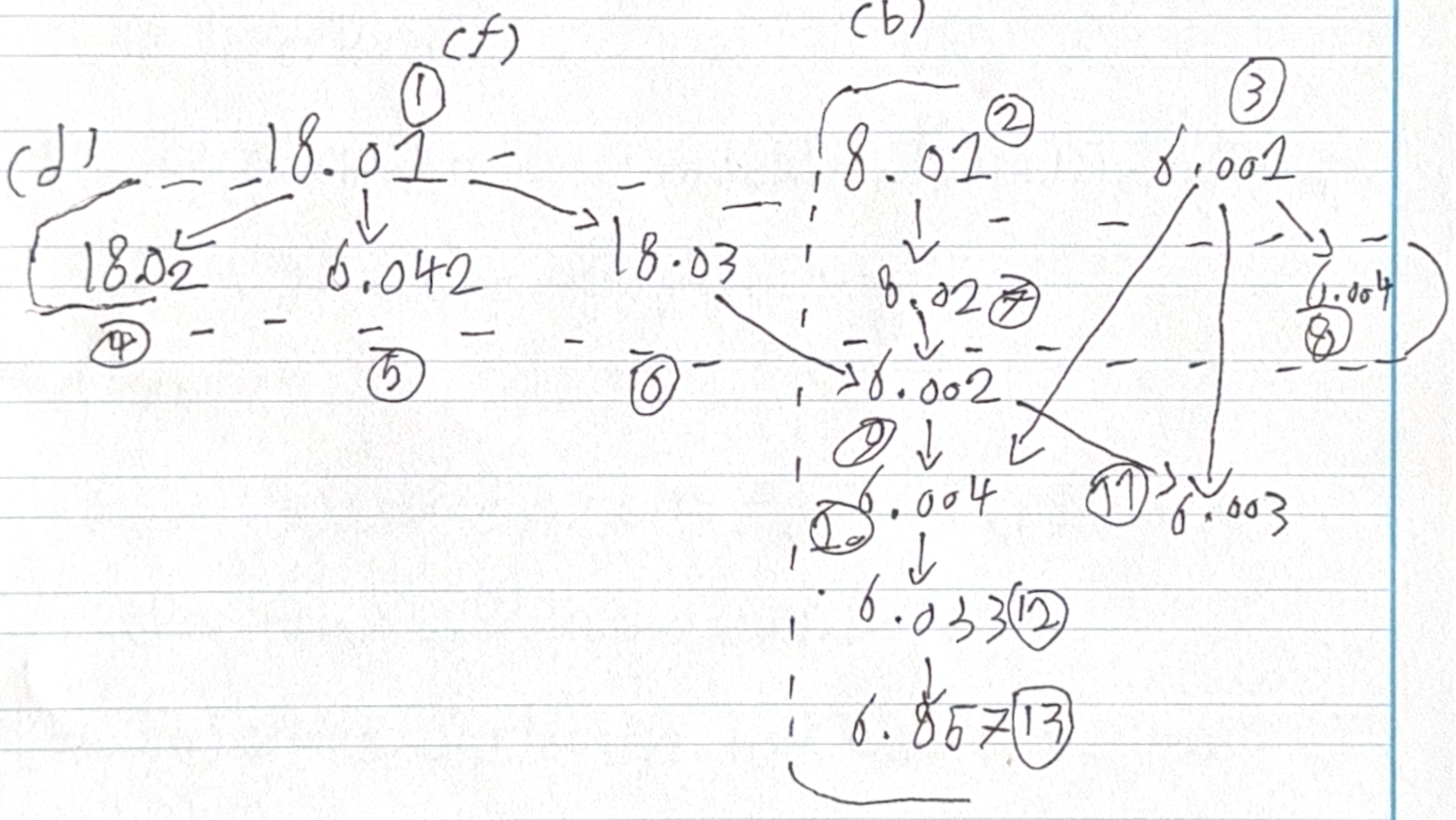
(a) α each class has remainder i mod 3 $0 \le i \le 2$

(b) $k \le a \le k+1$ $k \in \mathbb{Z}^+ \cup \{0\}$

2. (a) symmetry

(b) symmetry

3. (a)



(c) 6

(d) 4 (e) 5

(f) (g) 8

(h) 6

(i) length of longest chain $\le$ length of topsort $\le$ k

GANJINEH