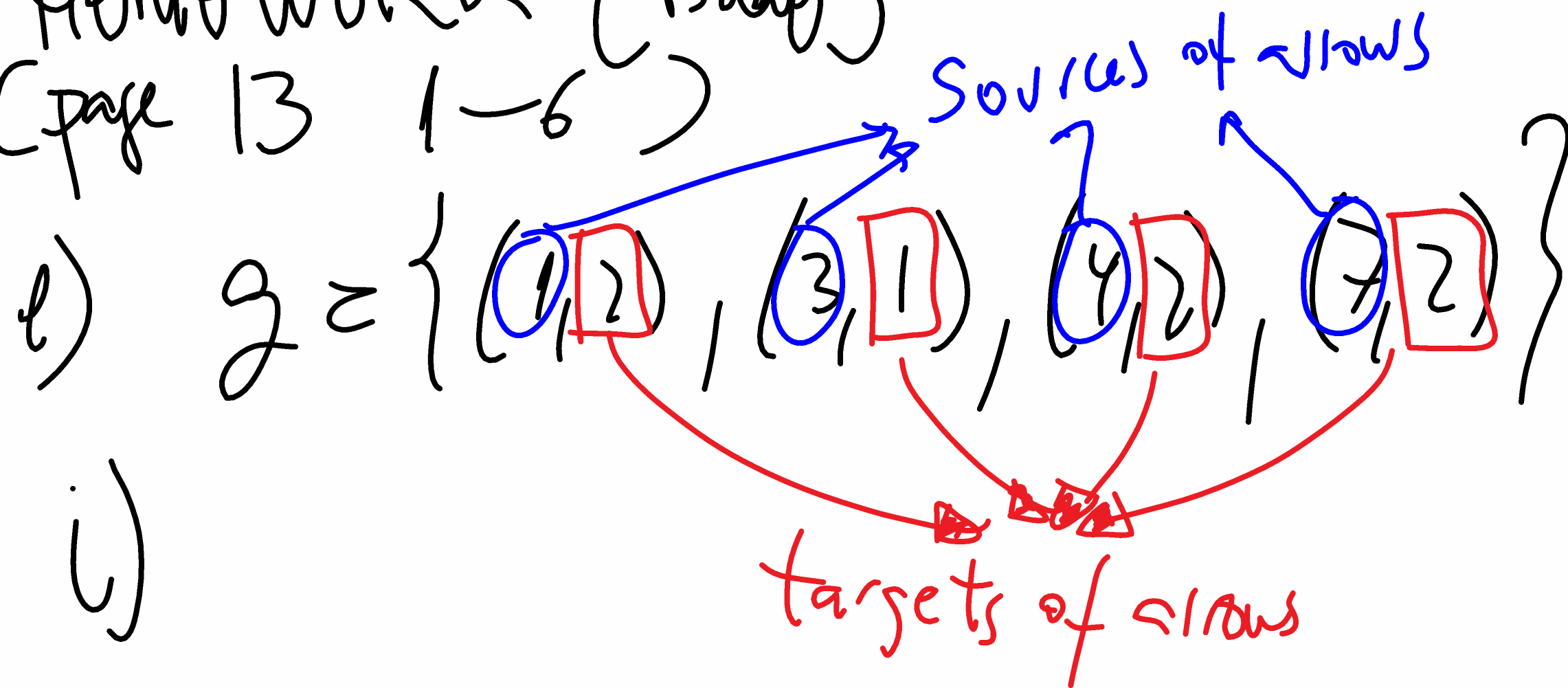


HOMEWORK (today)

(page 13 1-6)

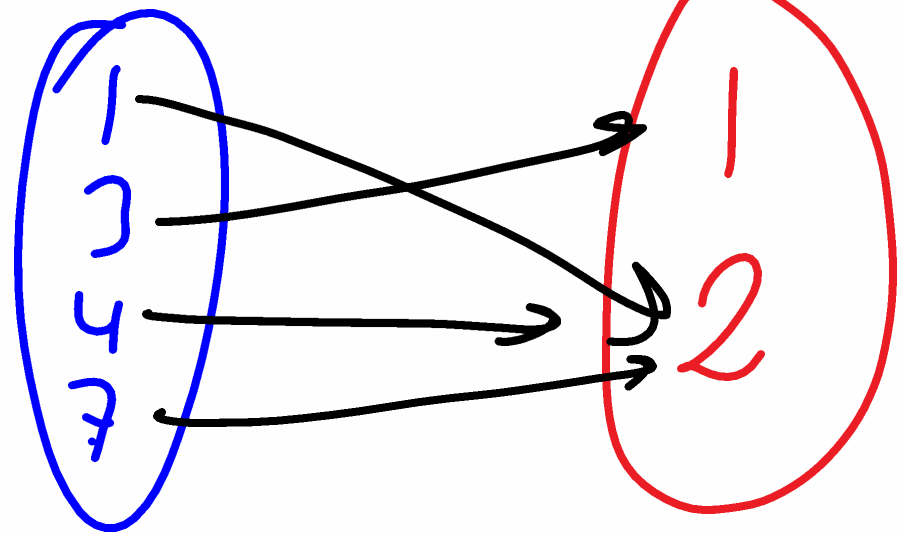


Domain = $\{1, 3, 4, 7\}$

Range = $\{1, 2\}$

THU 4 OCT 2018

Domain Range



(ii) It is a function
BECAUSE

EACH element of the domain has ONE-2-ONLY-ONE ARROW

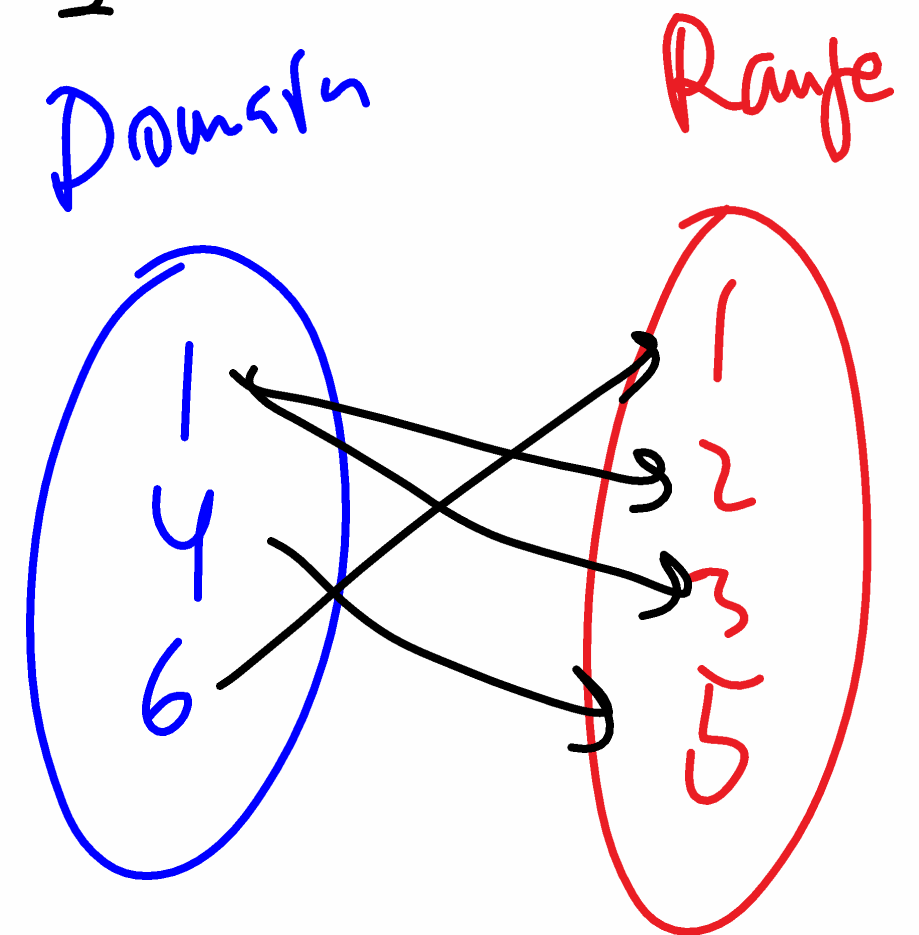
$$14) h = \{ (1,2), (1,3), (4,5), (6,1) \}$$

$$\text{Domain of } h = \{ 1, 4, 6 \}$$

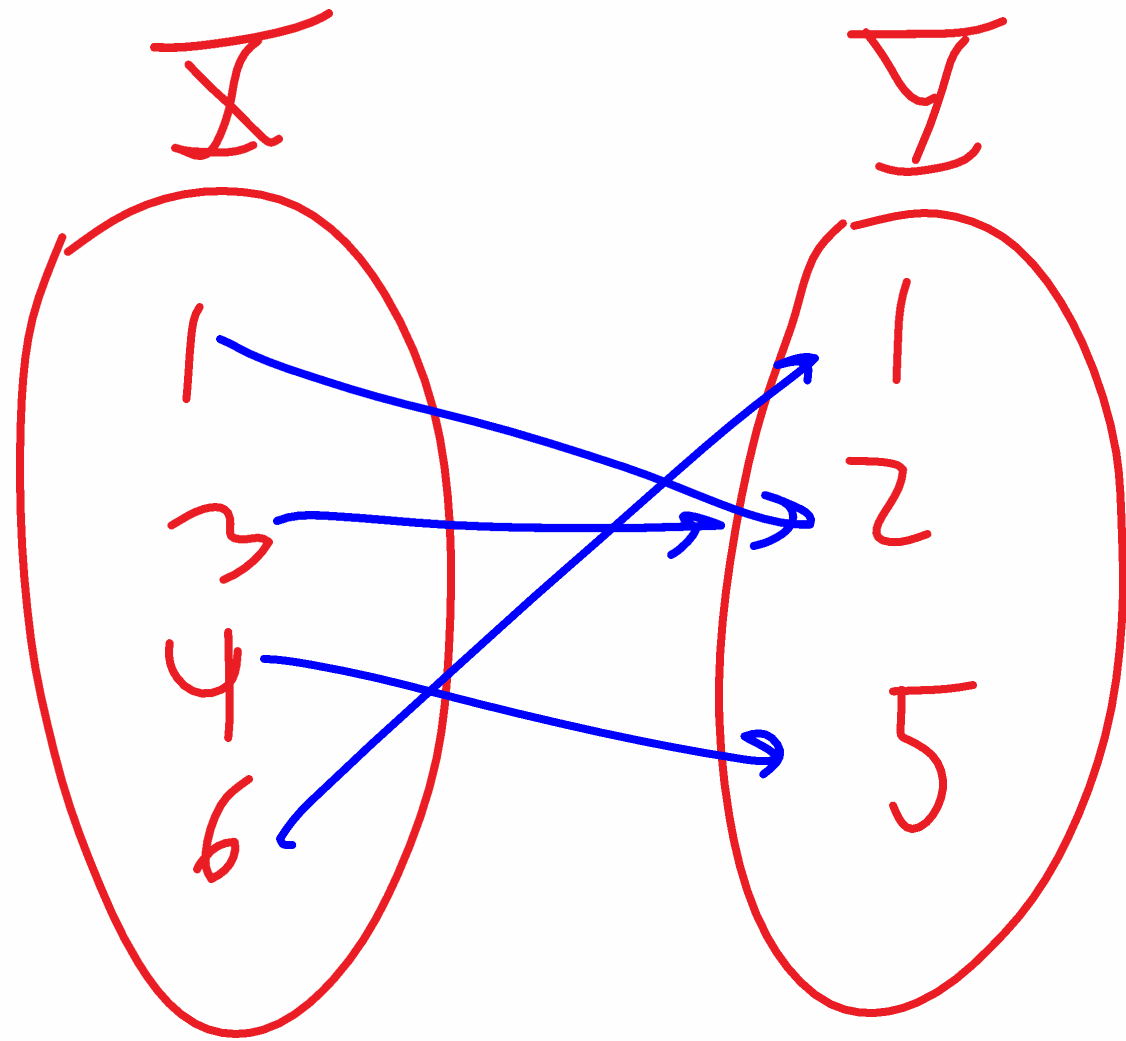
$$\text{Range of } h = \{ 1, 2, 3, 5 \}$$

Domain	Range
1	3
1	2
4	5
6	1

NOT A FUNCTION
because 1 is source of 2 orders

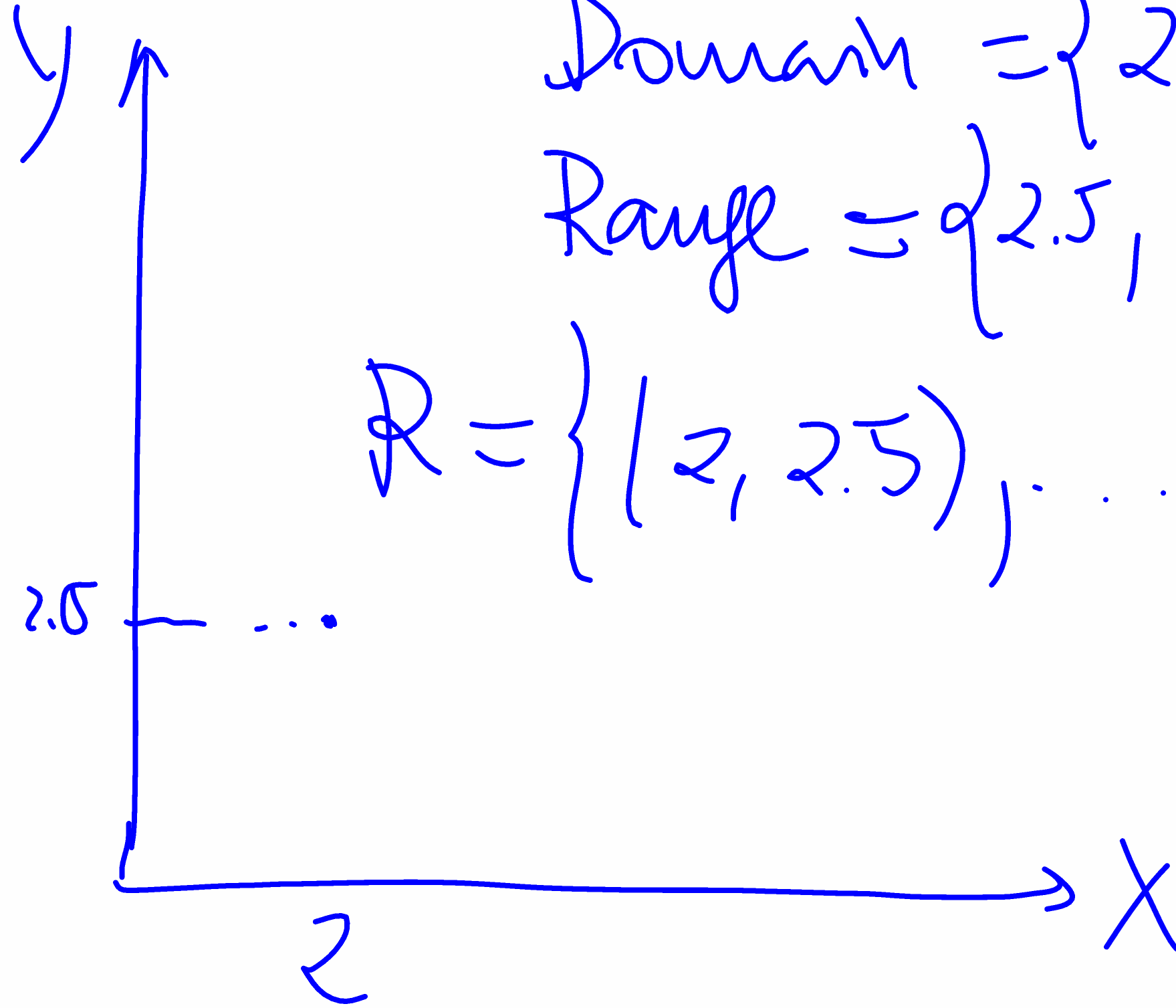


2a)



Is a function because
each element of the Domain X
has one unique arrow

3) a)



$$\text{Domain} = \{2, 3.5, 5, \dots\}$$

$$\text{Range} = \{2.5, \dots\}$$

$$R = \{(2, 2.5), \dots\}$$