1) (b) The relation R on 2 defined by aRb if 2a+5b = 0 (mod 7)

(4) (The relation R on z defined by aRb if 5a+6b=0 (mods)

e) the an injective quection from at the

SI -2 to all inhiero

1-x 11. P. 1. 16.

Roger Let riger

JEN X X KE KIR

generally of the

formittee xx - 18x for my

R = x S= Rax

- U - x +P

: R & Symmeters

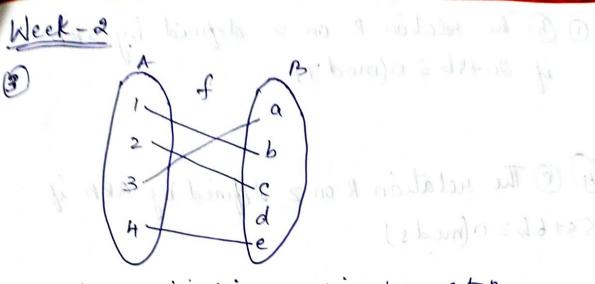
Bandilve : 21g and gRZ => 2RZ

Ede Ke zah priman Par.

Shu will sol how

I to Manachar

of in an equivalence netation



e) fis an injective function from A to B.

Symmetric: xRy => yRx for x,y CR xRy => x²= y² yrx => y²= x²

:. Ris symmetrie

Transitive: x ky and yRz => XRz.

XRy and yRz => XRz.

XNY, yrz Then NNZ

: It is transitive

:. It is an equivalence relation