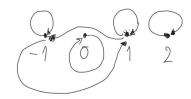
Quiz 4 Homework

$$\beta = \{ (a,b) \in \{-1,0,1,2\} \times \{-1,0,1,2\} : a^2 = b^2 \}$$

Manusconninseringma Da vos R



(2) พี่งนแสดงเมทริกซ์ (0,1) Vos R

(3) Grandlin R bolly O Reflexive 2 Symetric (3) Transive.

(1) a<sup>2</sup>=a<sup>2</sup> o'sil's ala s'inter a e R. [Reflexive]

- (2) d=b2=a2 orgilla alb m=bla ånet abt R [Symetric]
- (3)  $a^2 = b^2$   $ma = b^2 = c^2$  a = 16in  $a^2 = c^2$ Trangive. n's also in bec is ale.

ATILION R 614 Equivalence Relation.