

Soal 1.

$a = \{\text{doni, tono, ami, santi}\}$

$b = \{\text{jeruk, apel, jambu, salak}\}$

$R = \{(\text{doni,jambu}), (\text{doni,salak}), (\text{santi,jeruk}), (\text{tono,jeruk}), (\text{santi,jambu}), (\text{tono, apel}), (\text{ami,salak}), (\text{ami,jeruk})\}$

tunjukkan $(a \times b)$?

representasikan relasi dalam bentuk:

- diagram panah
- tabel
- matrik

Soal 2.

$a = \{2,3,4\}$

$b = \{3,4,5,6,7,8,9\}$

$(a,b) \in R$ jika $b = (\text{kelipatan } a) + 1$

tunjukkan $(a \times b)$?

tunjukkan elemen R ?

representasikan relasi dalam bentuk:

- diagram panah
- tabel
- matrik

Soal 3.

$a = \{2,3,4,5,6,7,8,9,10\}$

$(x,y) \in R$ jika $y = \text{kelipatan } x$

tunjukkan elemen R ?

representasikan relasi dalam bentuk:

- diagram panah
- tabel
- matrik
- graf berarah