Problem
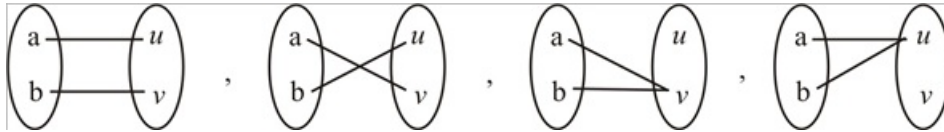
a. Find all functions from $X = \{a, b\}$ to $Y = \{u, v\}$.

b. Find all functions from $X = \{a, b, c\}$ to $Y = \{u\}$.

c. Find all functions from $X = \{a, b, c\}$ to $Y = \{u, v\}$
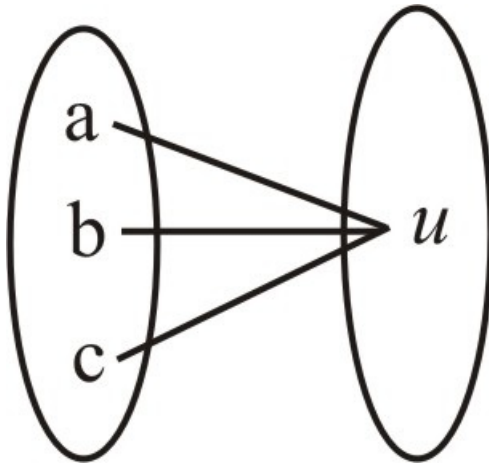
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Step-by-step solution

Step 1 of 3

(a)

These are the functions from X to Y

Step 2 of 3

(b)

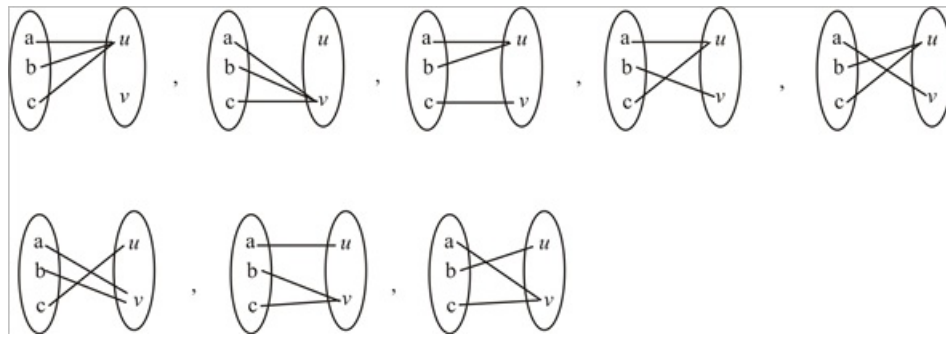This is the only possible function from X to Y

Step 3 of 3

(c)

These are the functions from X to Y