

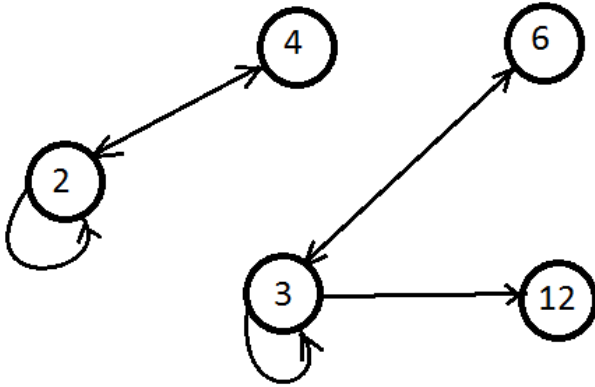
Answer on Question #76998 – Math – Discrete Mathematics

Question

Let  $R = \{(2, 2), (2, 4), (3, 3), (3, 6), (3, 12), (4, 2), (6, 3)\}$   
where if  $a$  is a factor of  $b$

(i) Draw the digraph for the relation  $R$ .

Solution



Question

(ii) Find the domain and range of the relation.

Solution

$$\text{domain} = \{2, 3, 4, 6\}$$

$$\text{range} = \{2, 3, 4, 6, 12\}$$