

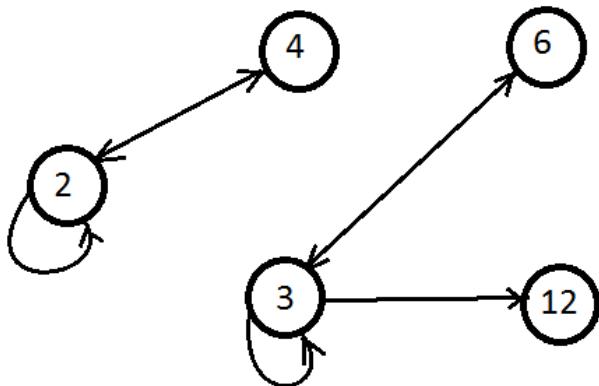
Answer on Question #76998 – Math – Discrete Mathematics

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

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

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