Let $A = \{1,2,3,6\}$ and R be a relation defined on A.
$R = \{(a,b) : a,b \in A, b$ is exactly divisible by $a.\}$
a) Write R in roster form.
b) Represent R in arrow diagram.
c) Find the domain and range.

Ans) $A = \{1,2,3,6\}$

$R = \{(a,b) : a,b \in A, b$ is exactly divisible by $a\}$

a) $R = \{(1,1), (1,2), (1,3), (1,6), (2,2), (2,6), (3,3), (3,6),$
$(6,6)\}$

c)   Domain of $R = \{1,2,3,6\}$
    Range of $R = \{1,2,3,6\}$

b)