

## Time and Work

Every question in time and work chapter can be solved easily by finding the efficiency of workers or subject (such as pipes).

**For example** - A takes 10 days to complete a job. B takes 20 days to complete the same job. In how many days they will complete the job if they work together?

⇒ A's efficiency =  $100/10 = 10\%$  per day

⇒ B's efficiency =  $100/20 = 5\%$  per days

⇒ A and B can do 15% of the work in a day if they work together. So they can do the whole job in  $100/15 = 6.66$  days or 6 days and 18 hours.