

1. A can do a piece of work in 10 days, B can do it in 15 days. How long will they take together?
2. A and B together can complete a task in 12 days. A alone can do it in 20 days. How long will B take alone?
3. A is twice as efficient as B. If B takes 20 days to complete a job, how many days will A take?
4. A can do a work in 18 days and B in 24 days. They work together for 4 days. How much work is left?
5. A, B, and C together finish a work in 8 days. A alone does half as much as B and C together. Find B's time alone.
6. A train 150 m long crosses a man walking at 6 km/h in the opposite direction in 6 seconds. Find train speed.
7. A car covers 360 km at a speed of 60 km/h. How long will it take?
8. A man runs at 12 km/h. How long will he take to cover 1.5 km?
9. A train crosses a pole in 10 seconds at 54 km/h. Find its length.
10. A boat travels downstream 30 km in 3 hours and upstream 30 km in 5 hours. Find speed of boat in still water.
11. A can do 20% of a work in 2 days. How many days to complete the full work?
12. A and B working together finish a work in 16 days. B alone takes 24 days. Find A's time.
13. A motorbike increases speed from 40 km/h to 60 km/h. How long to cover 100 km at new speed?
14. A boy walks 20 km at 5 km/h. Find time taken.
15. A pipe fills a tank in 6 hours, another empties in 9 hours. If both opened, how long to fill?
16. A 200 m train crosses a platform in 30 seconds at 72 km/h. Find platform length.
17. A does a work in 30 days, B in 45 days. They work for 10 days together. Remaining work?
18. Two trains moving opposite at 40 km/h and 60 km/h cross in 9 seconds. Find sum of lengths.
19. A man rows 16 km downstream in 2 hours and upstream in 4 hours. Find stream speed.
20. A machine produces 600 units in 4 hours. How many hours to produce 1500 units?