

Time and Work | समय और कार्य

1. A and B can do a piece of work in 20 days and 30 days respectively. Then in how many days they can finish the work together?
(A) 12 days (B) 10 days
(C) 14 days (D) None of these
2. A, B and C can do a piece of work in 10 days, 15 days and 30 days respectively. In how many days they can finish the work together?
(A) 4 days (B) 10 days
(C) 5 days (D) None of these
3. A and B can do a piece of work in 20 days and 30 days respectively. They start the work together, but after 8 days A leaves the work and remaining work is done by B alone. Then in how many days total work will be finished?
(A) 12 days (B) 18 days
(C) 16 days (D) None of these
4. A and B can do a piece of work in 20 days and 10 days respectively. They start the work together but after 2 days B leaves the work and the rest work is done by A alone. Then in how many days total work will be finished?
(A) 14 days (B) 18 days
(C) 16 days (D) 12 days
5. A, B and C can do a piece of work in 10 days, 15 days and 30 days respectively. They start the work together, but after 3 days A leaves the work and after 3 more days B also leaves the work. Then in how many days total work will be finished?
(A) 8 days (B) 12 days
(C) 10 days (D) 9 days
6. A, B and C can do a piece of work in 15 days, 20 days, and 30 days respectively. They start the work together, but after 4 days A leaves the work and after 4 more days B also leaves the work and rest work is done by C alone. Then in how many days total work will be finished?
(A) 10 days (B) 14 days
(C) 12 days (D) 15 days
7. A and B can do a piece of work in 20 days and 30 days respectively. They start the work together, but after some days A leaves the work and the rest is done by B alone in 5 days. Then in how many days total work will be finished?
(A) 14 days (B) 12 days
(C) 15 days (D) 10 days
9. A, B and C can do a piece of work in 10 days, 12 days and 30 days respectively. They start the work together, but 3 days before the completion of work B leaves the work and 7 days before completion A leaves the work. In how many days total work will be finished?
(A) 10 days (B) 9 days
(C) 8 days (D) 12 days
10. A, B and C can do a piece of work in 15 days, 20 days and 30 days respectively. 2 days before the completion of work B leaves the work and 6 days before the completion A leaves the work. Then in how many days total work will be finished?
(A) 10 days (B) 9 days
(C) 8 days (D) 12 days
11. A, B and C can do a piece of work in 10 days, 12 days and 15 days respectively. They start the work together, but A had to leave the work after 2 days of the start and B left 3 days before the completion of work. Then in how many days total work will be finished?
(A) 9 days (B) 10 days
(C) 8 days (D) 7 days
12. A and B can do a piece of work in 12 days, B and C in 15 days and C and A in 20 days. In how many days work will be finished if they work together?
(A) 12 days (B) 15 days
(C) 10 days (D) 9 days
13. A and B can do a piece of work in 12 days, B and C in 8 days and C and A in 6 days. In how many days B alone can finish the work?
(A) 45 days (B) 48 days
(C) 44 days (D) 42 days

14. A and B can do a piece of work in 8 days, B and C in 12 days and all of them together in 6 days. Then in how many days A and C together can complete that work?
 (A) 10 days (B) 9 days
 (C) 8 days (D) 12 days
15. A and B can do a piece of work in 10 days and 15 days respectively. They work on alternate days and A starts the work. Then in how many days total work will be finished?
 (A) 10 days (B) 12 days
 (C) 8 days (D) 9 days
16. A, B and C can do a piece of work in 10, 15 and 30 days respectively. They work on alternate days and A starts the work. Then in how many days total work will be finished?
 (A) 15 days (B) 10 days
 (C) 18 days (D) 12 days
17. A and B can do a piece of work in 15 days and 20 days respectively. If they work on alternate days and A starts the work. Then in how many days work will be finished?
 (A) 17 days (B) 16 days
 (C) 18 days (D) 15 days
18. A, B and C can do a piece of work in 12, 15 and 20 days. On first day A works with the help of B and on 2nd day A works with the help of C and this process is continued. Then in how many days total work will be finished?
 (A) 8 days (B) 5 days
 (C) 9 days (D) 7 days
19. A, B and C can do a piece of work in 15, 20 and 30 days. On first day A alone do the work and on 2nd day A works with the help of B and C and this process is continued. Then in how many days total work will be finished?
 (A) $9\frac{4}{9}$ days (B) $9\frac{2}{9}$ days
 (C) $9\frac{5}{9}$ days (D) $9\frac{7}{9}$ days
20. A is twice more efficient than B while they take 30 days to finish a piece of work together. Then in how many days they can finish that work separately?
 (A) A = 45 days, B = 12 days
 (B) A = 40 days, B = 12 days
 (C) A = 40 days, B = 10 days
 (D) A = 40 days, B = 15 days
21. A is 100% more efficient than B. While A and B takes 90 days to finish a piece of work together. Then in how many days they can finish that work separately?
 (A) A = 135 days, B = 270 days
 (B) A = 130 days, B = 260 days
 (C) A = 120 days, B = 240 days
 (D) A = 150 days, B = 300 days
22. A is 40% more efficient than B. While A takes 80 days to finish a piece of work alone. Then in how many days B alone can finish that work?
 (A) 110 days/दिन (B) 115 days/दिन
 (C) 112 days/दिन (D) 114 days/दिन
23. A is twice efficient than B. While A takes 30 days less than B to finish the work alone. Then in how many days they can finish that work separately?
 (A) A = 30 days, B = 60 days
 (B) A = 20 days, B = 60 days
 (C) A = 30 days, B = 50 days
 (D) A = 30 days, B = 55 days
24. A is thrice more efficient than B and hence takes 30 days less than B to finish a work. Then in how many days they can finish that work together?
 (A) 8 days (B) 10 days
 (C) 9 days (D) None of these
25. A is 200% more efficient than B. While A takes 60 days less than B to finish a work. Then in how many days they can finish that work together?
 (A) $23\frac{1}{2}$ days (B) $21\frac{1}{2}$ days
 (C) $25\frac{1}{2}$ days (D) $22\frac{1}{2}$ days
26. A is 50% more efficient than B. While A takes 25 days less than B to finish a work alone. Then in how many days they can finish 50% of more work together?
 (A) 42 days (B) 40 days
 (C) 45 days (D) 48 days