**[Time and Work Problems](http://www.geekmcq.com/math/time-and-work-problems/)**

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| 1. | If an inlet pipe fills a tank in 10 hrs then part of tank filled in 1 hr. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 1?5 | [**B.**](javascript:%20void%200;) | 1?10 | | [**C.**](javascript:%20void%200;) | 1?15 | [**D.**](javascript:%20void%200;) | 1?8 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4888) |

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| 2. | If part of tank filled in one hour = 1/10 then time required to fill the tank. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 8 | [**B.**](javascript:%20void%200;) | 12 | | [**C.**](javascript:%20void%200;) | 10 | [**D.**](javascript:%20void%200;) | 15 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4889) |

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| 3. | If an inlet pipe fills a tank in 10 hrs and another inlet pipe fills the same tank in 5 hrs then time required to fill the tank when both pipes are opened. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 10?3 | [**B.**](javascript:%20void%200;) | 3?10 | | [**C.**](javascript:%20void%200;) | 1?3 | [**D.**](javascript:%20void%200;) | 3 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4890) |

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| 4. | If an outlet pipe empties a full tank in 20 hrs then part of tank emptied in one hour. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 3?20 | [**B.**](javascript:%20void%200;) | 2?5 | | [**C.**](javascript:%20void%200;) | 1?10 | [**D.**](javascript:%20void%200;) | 1?20 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4891) |

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| 5. | An inlet pipe can fill a tank in 10 hrs and an outlet pipe empties the same full tank in 20 hrs. The time required to fill the tank when both pipes are opened. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 10 | [**B.**](javascript:%20void%200;) | 20 | | [**C.**](javascript:%20void%200;) | 30 | [**D.**](javascript:%20void%200;) | 25 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4892) |

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| 6. | If A can do a piece of work in 10 days then part of work done by him in one day. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 2?5 | [**B.**](javascript:%20void%200;) | 3?8 | | [**C.**](javascript:%20void%200;) | 1?10 | [**D.**](javascript:%20void%200;) | 3?7 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4893) |

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| 7. | If As 1 days work = 1/20 then time required to finish the job (in days) |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 20 | [**B.**](javascript:%20void%200;) | 10 | | [**C.**](javascript:%20void%200;) | 25 | [**D.**](javascript:%20void%200;) | 30 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4894) |

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| 8. | If A can do a job in 10 days another person B can do the same job in 20 days then time required to do the job when both of them working todether. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 1?30 | [**B.**](javascript:%20void%200;) | 3?20 | | [**C.**](javascript:%20void%200;) | 1?10 | [**D.**](javascript:%20void%200;) | 20?3 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4895) |

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| 9. | Alia can complete an assignment in 5 days and Babar can complete the same assignment is 20 days. The time taken by both Alia and Babar to complete the assignment working together is |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 3 days | [**B.**](javascript:%20void%200;) | 5 days | | [**C.**](javascript:%20void%200;) | 4 days | [**D.**](javascript:%20void%200;) | 2 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4896) |

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| 10. | Asghar can do a job in 60 days. And both Asghar and Babar can do the same job in 20 days working together. Babar alonge can do the some job in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 30 days | [**B.**](javascript:%20void%200;) | 60 days | | [**C.**](javascript:%20void%200;) | 28 days | [**D.**](javascript:%20void%200;) | 45 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A** |
| 11. | X can do a job in 16 days Y can do the same job in 20 days X Y and Z can do the job in 7.5 days. Alone Z can do the same job in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 100 days | [**B.**](javascript:%20void%200;) | 120 days | | [**C.**](javascript:%20void%200;) | 80 days | [**D.**](javascript:%20void%200;) | 48 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4898) |

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| 12. | Ahmar works twice as fast as Bina. If Bina can complete a work in 30 days the number of days taken by Ahmar and Bina to complete the work working together is |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 16 days | [**B.**](javascript:%20void%200;) | 24 days | | [**C.**](javascript:%20void%200;) | 20 days | [**D.**](javascript:%20void%200;) | 10 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4899) |

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| 13. | A certain number of men could complete work in 40 days. If there were 20 men more the work could be completed in 20 days. The original number of men is |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 85 | [**B.**](javascript:%20void%200;) | 30 | | [**C.**](javascript:%20void%200;) | 40 | [**D.**](javascript:%20void%200;) | 20 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4900) |

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| 14. | A and B can do a piece of work in 10 days. B and C in 15 days C and A in 30 days. In how many days can they do it all working together? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 8 days | [**B.**](javascript:%20void%200;) | 6 days | | [**C.**](javascript:%20void%200;) | 11 days | [**D.**](javascript:%20void%200;) | 10 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4901) |

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| 15. | A is thrice as good workman as B and together they finish a piece of work in 24 days. In how many days can A alone finish the work |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 20 days | [**B.**](javascript:%20void%200;) | 25 days | | [**C.**](javascript:%20void%200;) | 32 days | [**D.**](javascript:%20void%200;) | 29 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4902) |

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| 16. | A works thrice as fast as B. If B can complete a work in 18 days. Then number of days taken by A and B working together to complete this work is |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 8 days | [**B.**](javascript:%20void%200;) | 9 days | | [**C.**](javascript:%20void%200;) | 5 days | [**D.**](javascript:%20void%200;) | 4.5 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4903) |

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| 17. | A can finish a work in 24 days B can finish the same work in 36 days. If they work together and finish it then out of total wages of Rs. 500 A will get |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | Rs. 220 | [**B.**](javascript:%20void%200;) | Rs. 200 | | [**C.**](javascript:%20void%200;) | Rs. 300 | [**D.**](javascript:%20void%200;) | Rs. 360 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4904) |

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| 18. | 16 men can finish two fifth of the work in 4 days. The number of additional men required to finish the remaining work in 2 more days will be |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 24 men | [**B.**](javascript:%20void%200;) | 0 men | | [**C.**](javascript:%20void%200;) | 30 men | [**D.**](javascript:%20void%200;) | 39 men |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4905) |

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| 19. | Pipe A can fill a tank in 10 hours and pipe B can empty it in 15 hours. In how many hours will the tank be filled if both the pipes are opened? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 6 | [**B.**](javascript:%20void%200;) | 10 | | [**C.**](javascript:%20void%200;) | 20 | [**D.**](javascript:%20void%200;) | 30 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4906) |

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| 20. | A tank which has a leak in the bottom is filled in 20 hours. Had there been no leak the tank would have been filled in 15 hours. The leak can empty the full tank in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 80 hrs | [**B.**](javascript:%20void%200;) | 5 hrs | | [**C.**](javascript:%20void%200;) | 60 hrs | [**D.**](javascript:%20void%200;) | 2 hrs |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C** |
| 21. | A tank that can be filled by an inlet pipe A in 12 hours is filled in 18 hours while out let pipe B is opened. The outlet pipe B can empty the full tank in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 25 hrs | [**B.**](javascript:%20void%200;) | 36 hrs | | [**C.**](javascript:%20void%200;) | 76 hrs | [**D.**](javascript:%20void%200;) | 50 hrs |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4908) |

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| 22. | Two pipes can fill an empty tank in 10 and 15 hrs respectively. If waste pipe C is opened both A and B together can fill the tank in 5 hours. The waste pipe can empty the full tank in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 30 hrs | [**B.**](javascript:%20void%200;) | 50 hrs | | [**C.**](javascript:%20void%200;) | 60 hrs | [**D.**](javascript:%20void%200;) | 40 hrs |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4909) |

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| 23. | Working 8 hours a day a work is done in 10 days. For how many hours a day must the work be done in order to complete it in 8 days. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 12 hours | [**B.**](javascript:%20void%200;) | 10 hours | | [**C.**](javascript:%20void%200;) | 9 hours | [**D.**](javascript:%20void%200;) | 9 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4910) |

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| 24. | A and B together can fill a ditch in 30 days while A alone can fill it in 50 days. If B does the work for only half a day daily how long will it take to fill the ditch by A and B? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 25 days | [**B.**](javascript:%20void%200;) | 67/2 days | | [**C.**](javascript:%20void%200;) | 75/2 days | [**D.**](javascript:%20void%200;) | 32 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4911) |

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| 25. | A can type 60 pages in 15 hours. A and B can type 150 pages in 25 hours. How long will it take B alone to type 120 pages? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 40 hours | [**B.**](javascript:%20void%200;) | 45 hours | | [**C.**](javascript:%20void%200;) | 55 hours | [**D.**](javascript:%20void%200;) | 60 hours |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4912) |

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| 26. | 12 women or 16 girls can do a certain job in 20 days. 14 women and 8 girls can do the same job in how many days? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 15 | [**B.**](javascript:%20void%200;) | 7 | | [**C.**](javascript:%20void%200;) | 12 | [**D.**](javascript:%20void%200;) | 9 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4913) |

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| 27. | A can do a piece of work in 16 days while B can do it in 12 days. With the help of C they can finish it in 6 days. In how many days can C alone do the work? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 48 days | [**B.**](javascript:%20void%200;) | 10 days | | [**C.**](javascript:%20void%200;) | 20 days | [**D.**](javascript:%20void%200;) | 30 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4914) |

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| 28. | A can do a work in 40 days and B can do it is 25 days. A worked at it for 8 days. In how many days B can finish the remaining work. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 8 days | [**B.**](javascript:%20void%200;) | 20 days | | [**C.**](javascript:%20void%200;) | 16 days | [**D.**](javascript:%20void%200;) | 12 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4915) |

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| 29. | A can finish a work in 20 days B can do the same work in 10 days. After A has worked for 5 days B joins A in how many days the remaining work will be finished. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 15 days | [**B.**](javascript:%20void%200;) | 8 days | | [**C.**](javascript:%20void%200;) | 5 days | [**D.**](javascript:%20void%200;) | 7 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4916) |

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| 30. | A can finish a work in 7 days B in 14 days and C in 28 days. B and C start working and are forced to leave the work after 2 days. The number of days taken by A to finish the remaining work is |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 8.5 days | [**B.**](javascript:%20void%200;) | 10 days | | [**C.**](javascript:%20void%200;) | 5.5 days | [**D.**](javascript:%20void%200;) | 15.5 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C** |
| 31. | A can do a piece of work in 28 days. If B is 40% more efficient than A B can do the same piece of work in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 20 days | [**B.**](javascript:%20void%200;) | 25 days | | [**C.**](javascript:%20void%200;) | 27.5 days | [**D.**](javascript:%20void%200;) | 30 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4918) |

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| 32. | A is twice as good a workman as B and takes 6 less days to complete a piece of work as B does. To finish the work alone B will take |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 12 | [**B.**](javascript:%20void%200;) | 10 | | [**C.**](javascript:%20void%200;) | 13 | [**D.**](javascript:%20void%200;) | 6 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4919) |

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| 33. | A can complete a piece of work in 16 days and B can complete it in 20 days. They start working together. Two days before the completion of the work A leaves. Work is completed in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 10 days | [**B.**](javascript:%20void%200;) | 8 days | | [**C.**](javascript:%20void%200;) | 6.4 days | [**D.**](javascript:%20void%200;) | 11 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4920) |

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| 34. | A can do a piece of work in 10 days and B in 15 days. If they work for a day alternately A beginning the work will be completed in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 6 days | [**B.**](javascript:%20void%200;) | 12 days | | [**C.**](javascript:%20void%200;) | 8 days | [**D.**](javascript:%20void%200;) | 15 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4921) |

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| 35. | A and B can complete a task in 44 days when working together. After having worked together for 33 days B is called away. A completes the remaining task in the next 25 days. A can complete the job working alone in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 140 days | [**B.**](javascript:%20void%200;) | 90 days | | [**C.**](javascript:%20void%200;) | 100 days | [**D.**](javascript:%20void%200;) | 84 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **C**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4922) |

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| 36. | Three pipes A B and C can fill a tank in 20 hours. After working at it together for 5 hours C is closed and A and B fill it in 30 hrs. C alone can fill it in |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 35 hrs | [**B.**](javascript:%20void%200;) | 40 hrs | | [**C.**](javascript:%20void%200;) | 30 hrs | [**D.**](javascript:%20void%200;) | 28 hrs |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **B**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4923) |

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| 37. | A tank has a leak which would empty it in 10 hrs. A tap is turned on and it admits 9 liters per minute into the tank and tank is now emptied in 25 hrs. How many liters tank holds? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 9000 | [**B.**](javascript:%20void%200;) | 13400 | | [**C.**](javascript:%20void%200;) | 14500 | [**D.**](javascript:%20void%200;) | 10000 |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4924) |

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| 38. | A tank can be filled by tap A in 16 hrs and by tap B in 20 hrs. Both the taps are kept opened for 8 hrs and then A is closed. In how many more hours will the tank be completely filled? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 2 hrs | [**B.**](javascript:%20void%200;) | 12 2?3 | | [**C.**](javascript:%20void%200;) | 10 hrs | [**D.**](javascript:%20void%200;) | 0.5 hrs |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4925) |

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| 39. | Two pipes A and B can fill a tank in 14 and 21 hrs respectively. If both pipes are opened together then after how many hours A should be closed so that tank is full in 7 hours. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 28/5 hrs | [**B.**](javascript:%20void%200;) | 6.5 hrs | | [**C.**](javascript:%20void%200;) | 5 hrs | [**D.**](javascript:%20void%200;) | 4 hrs |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4926) |

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| 40. | 20 men can do a certain work in 60 days but after every five days five additional men join them. In how many days will work be done now? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 30.5 days | [**B.**](javascript:%20void%200;) | 31 days | | [**C.**](javascript:%20void%200;) | 33.5 days | [**D.**](javascript:%20void%200;) | 34.5 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:** |
| 41. | 20 men or 30 boys can do a certain job in 20 days. How long will it take 6 men and 15 boys to do the same job? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 25 days | [**B.**](javascript:%20void%200;) | 10 days | | [**C.**](javascript:%20void%200;) | 8 days | [**D.**](javascript:%20void%200;) | 6 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4928) |

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| 42. | M and N working separately can complete a job in 6 and 12 hours respectively. If they work for an hour alternately M starting at 10:00 AM when will the job be done? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 2:00 PM | [**B.**](javascript:%20void%200;) | 8:00 PM | | [**C.**](javascript:%20void%200;) | 7:00 PM | [**D.**](javascript:%20void%200;) | 6:00 PM |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **D**  **Explanation:**  [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.geekmcq.com/math/time-and-work-problems/discussion-4929) |

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| 43. | 30 men can do a certain work in 15 days. They started working on the project but 5 of them leave after every five days. In how many days will the work be completed now? |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | 20 days | [**B.**](javascript:%20void%200;) | 22 days | | [**C.**](javascript:%20void%200;) | 25 days | [**D.**](javascript:%20void%200;) | 18 days |   [**Answer & Explanation**](javascript:%20void%200;)  **Answer:** Option **A**  **Explanation:** |