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2. A can do a piece of work in 12 days. B can do this work in 16 days. A started the work alone. After how many days should $B$ join him, so that the work is finished in 9 days? *3 days5 days8 days7 days
3. A and B can do a piece of work in 4 days, while $C$ and $D$ can do the same work in 121 point days. In how many days will A, B, C and D do it together? *

O 3 days4 days5 days6 days
4. . $A$ and $B$ can do a piece of work in 40 days, $B$ and $C$ can do it in 120 days. If $B$ alone can 1 point do it in 180 days, in how many days will $A$ and $C$ do it together? *45 days25 days12 days35 days
5. $A, B, C$, and $D$ can do a piece of work in 20 days. If $A$ and $B$ can do it together in 50 days, and $C$ alone in 60 days, find the time in which $D$ alone can do it. *120 days200 days150 days
( 75 days
6. $A, B$, and $C$ can do a piece of work in 8 days. $B$ and $C$ together do it in 24 days. $B$ alone 1 point can do it in 40 days. In what time will it be done by $C$ working alone? *25 days24 days60 days56 days
7. $A$ and $B$ undertake to do a piece of work for Rs. 450. A can do it in 20 days and $B$ can do it in 40 days. With the help of $C$, they finish it in 8 days. How much should $C$ be paid for his contribution? *RS. 400Rs. 120Rs. 150Rs. 180
8. Ajay and Vijay undertake to do a piece of work for Rs. 480. Ajay alone can do it in 75 days while Vijay alone can do it in 40 days. With the help of Pradeep, they finish the work in 25 days. How much should Pradeep get for his work? *RS. 20Rs. 40Rs. 60Rs. 80
9. 120 men consume 720 kg of rice in 30 days. In how many days can 90 men consume 270 kg? *18129
() 15
10. A and $B$ can together complete a piece of work in 4 days. If $A$ alone can complete the 1 point same work in 12 days, in how many days can B alone complete that work ? *4 days5 days
O 6 days7 days
11. A tyre has two punctures. The first puncture alone would have made the tyre flat in $9 \quad 1$ point minutes and the second alone would have done it in 6 minutes. If air leaks out at a constant rate, how long does it take both the punctures together to make it flat ? *$31 / 5 \mathrm{~min}$$32 / 5 \mathrm{~min}$$33 / 5 \mathrm{~min}$$34 / 5 \mathrm{~min}$
12. $A, B$ and $C$ can do a piece of work in 12,18 and 30 days respectively. If they do the same 1 point work together at what ratio will they distribute their wages? *$10: 5: 6$5:4:310:20:3.
(15:10:6
13. 12 men can complete a 10 mtr length road in 8 days. In howmany days can 16 men complete 8 mtr length road? *$33 / 5$ days$24 / 5$ days$44 / 5$ days$15 / 7$ days
14. If 10 men or 20 boys can make 260 mats in 20 days,then how many mats will be made 1 point by 8 men and 4 boys in 20 days? *240280270
15.Two pipes $p$ and $q$ can fill a cistern in 12 and 15 minutes respectively both are opened together but at the end of 3 minutes $p$ is turned off in how many more minutes will fill the cistern? *7 minutes$71 / 2$ minutes8 minutes$81 / 4$ minutes
16. Two pipes can fill and empty tank separately in 24 minutes and 40 minutes respectively and third pipe can empty 30 gallons of water per minute if all three pipes are opened at empty tanks become full in one hour the capacity of the tank is *800 gallons600 gallons500 gallons400 gallons
17.A cistern can be filled by two pipes in 20 and 30 minutes respectively both pipes being 1 point opened when the first pipe must be turned off so that the system may be filled in 10 minutes more *After 10 minutesAfter 12 minutesAfter 20 minutesAfter 8 minutes
18. If 10 persons can do a job in 20 days,then 20 person with twice the efficiency can do 1 point the same job in: *

O 5 days40 days10 days20 days
19. If 2 men or 3 women or 4 boys can do a piece of work in 52 days, then the same piece 1 point of work will be done by 1 man ,1 woman and 1 boy in: *


48 days36 days45 days50 days
20. If one pipe $A$ can fill a tank in 20 minutes, then 5 pipes ,each of $20 \%$ efficiency of $A \quad 1$ point ,can fill the tank in: *

80 min
( 100 min
( 20 min
25 min

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