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Vedic Mathematics

1) P and Q need 8 days to complete a work. Q and R need 12 days to complete the same work. But P, Q and R together can finish it in 6 days. How many days will be needed if P and R together do it?

a) 7 b) 8
c) 9 d) 10

2) 10 men can complete a work in 7 days. But 10 women need 14 days to complete the same work. How many days will 5 men and 10 women need to complete the work?

a) 7 b) 5
c) 6 d) 4

3) P can do a work in the same time in which Q and R together can do it. If P and Q work together, the work can be completed in 10 days. R alone needs 50 days to complete the same work. then Q alone can do it in_____?

a) 30 days b) 25 days
c) 20 days d) 15 days

4) A tap can fill a tank in 32 min. and another can empty it in 16 min. If the tank is already half full and both the tanks are opened together, the tank will be_____?

a) 12 min b) 14 min
c) 16 min d) 20 min

5) Twelve men can do a work in twenty days while twenty women can finish the same work in sixteen days. Find the ratio between the capacity of a man and a woman.

a) 3:4 b) 5:4
c) 4:3 d) 5:3

6) A can lay a railway track between two given stations in 16 days and B can do the same job in 12 days. With help of C, they did the job in 4 days only. Then, C alone can do the job in_____?

a) 4 b) 9.6
c) 9 d) 10

7) If 10 bulls can plough 20 identical fields in 3 days working 10 hours a day, then in how many days can 30 bulls plough 32 same identical fields working 8 hours a day?

a) 2 b) 8
c) 10 d) 12

8) A work can be finished in 16 days by twenty women. The same work can be finished in fifteen days by sixteen men. The ratio between the capacity of a man and a woman is_____?

a) 1:3 b) 4:3
c) 2:3 d) 2:1

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info@spardha.guru
90711 54445, 90711 64446, 90711 74447

9) A can do a certain job in 12 days. B is 60% more efficient than A. The number of days it takes for B to do the same piece of work, is:_____?

a) 12/6 days b) 15/2 days
c) 23 days d) 34 days

10) A and B can do a piece of work in 21 and 24 days respectively.They start the work together and after some days, A leaves and B completes the rest of the task in 9 days. After how many days did A leave?

a) 5 b) 6
c) 7 d) 8

11) A,B,C, can do a work in 8,14,16 days respectively. A does the work for the first 2 days. B continues from it and finishes 2/3rd of the remaining work. C finishes the remaining work. How many days would have taken to complete the work?

a) 13 b) 11
c) 12 d) 15

12) If 6 men working together can complete 50 identical tasks in 4 hours then how many such identical tasks can be completed if 10 men are working together for 6 hours?

a) 20 b) 25
c) 125 d) 60

13) P works twice as fast as Q. If Q alone can complete a work in 12 days, P and Q can finish the work in_____days

a) 1 b) 2
c) 3 d) 4

14) P is 30% more efficient than Q. P can complete a work in 23 days. If P and Q work together, how much time will it take to complete the same work?

a) 9 b) 11
c) 23 d) 13

15) 6 men and 8 women can complete a work in 10 days. 26 men and 48 women can finish the same work in 2 days. 15 men and 20 women can do the same work in_____days.

a) 4 days b) 6 days
c) 2 days d) 8 days

16) A alone can finish a work in 10 days and B alone can do it in 15 days. If they work together and finish, then out of a total wages of Rs.75. A will get:_____?

a) 35 Rs. b) 40 Rs.
c) 45 Rs. d) None of these

17) 2 men and 12 women can finish a job in 4 days. 4 men and 6 women can do the same job in 5 days. Find the time taken by 1 man and 1 woman to complete the job.

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a) 30 days b) 25 days
c) 24 days d) 20 days

18) Bilal can do a work in 15 days and Jalal in 12 days. If they work on it together for 4 days, the fraction of work that is left is_____?
a) 3/5 b) 4/7
c) 2/5 d) 1/4

19) A and B can finish a piece of work in 20 days .B and C in 30 days and C and A in 40 days. In how many days will A alone finish the job?
a) 48 b) 34(2/7)
c) 44 d) 45

20) A can do a particular work in 6 days . B can do the same work in 8 days. A and B signed to do it for Rs. 3200. They completed the work in 3 days with the help of C. How much is to be paid to C?
a) Rs. 380 b) Rs. 600
c) Rs. 420 d) Rs. 400

21) B can work 3 times faster than A. They work together on a task and complete it in a day. How long does it take for B alone to complete the task?
a) 32 hours b) 48 hours
c) 3 days d) 4 days

22) 4 girls can do a piece of work in 8 days, same work 3 boys can do in 9 days, 7 men in 2 days and 5 women in 4 days. Who among them have the minimum capacity of work?
a) Boy b) Girl
c) Man d) Woman

23) A can do a bit of work in 8 hours while B along can do it in 12 hours. Both A and B cooperating can complete the work in:
a) 10 hours b) 4 hours
c) 21/4 hours d) 24/5 hours

24) 3 men or 5 ladies can do a work in 12 days. To what extent will 6 men and 5 ladies take to complete the work?
a) 4 days b) 10 days
c) 15 days d) 20 days

25) A can do 1/3 of a work in 5 days and B can do 2/5 of the work in 10 days. In how long both A and B together can take the necessary steps?
a) 31/4 days b) 44/5 days
c) 75/8 days d) 10 days

26) A can do a bit of work in 10 days and B can do it in 20 days. They begin the work together . Be that as it may, following 5 days, A leaves off. B will do the remaining work in

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a) 5 days b) 6 days
c) 8 days d) 10 days

a) 11 days b) 12 days
c) 13 days d) 14 days

27) A does half as much work as B in three ?fourth of the time. On the off chance that together they take 18 days to finish the work, the amount of time might B takes to do it?

a) 30 days b) 35 days
c) 40 days d) none of these

28) 8 men can delve a pit in 20 days. On the off chance that a man works half double as a kid then 4 men and 9 kids can delve a comparable pit in:

a) 10 days b) 12 days
c) 15 days d) 16 days

29) 10 men can complete a bit of work in 10 days, though it takes 12 ladies to complete it in 10 days. On the off chance that 15 men and 6 ladies attempt to finish the work, how long will they take to finish it?

a) 2 days b) 4 days
c) 5 days d) 11 days

30) A, B and C can do a piece of work in 24 days, 30 days and 40 days respectively. They began the work together but C left 4 days before the completion of the work. In how many days was the work completed?

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