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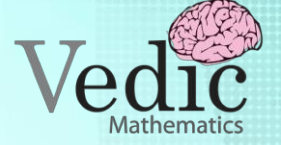
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1) A can do a work in 9 days, if B is 50% more efficient than A, then in how many days can B do the same work?

- a) 3 days b) 13.5 days
c) 4.5 days d) 6 days

2) Tapas works twice as fast as Mihir. If both of them together complete a work in 12 days, Tapas alone can complete it in

- a) 24 days b) 15 days
c) 18 days d) 20 days

3) Pratibha is thrice as efficient as Sonia and is therefore able to finish a piece of work in 60 days less than Sonia. Pratibha and Sonia can individually complete the work respectively in

- a) 40 days, 120 days
b) 30 days, 60 days
c) 60 days, 90 days
d) 30 days, 90 days

4) A does half as much work as B in one sixth of the time. If together they take 10 days to complete a work, how much time shall B take to do it alone?

- a) 50 days b) 70 days
c) 30 days d) 40 days

5) To do a certain work, B would take time thrice as long as A and C together and C twice as long as A and B together. The three men together complete the work in 10 days. The time taken by A to complete the work separately is

- a) 20 days b) 22 days
c) 24 days d) 30 days

6) A is twice as good a workman as B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work is

- a) 42 days b) 11 days
c) 21 days d) 28 days

7) A 10 hectare field is reaped by 2 men, 3 women and 4 children together in 10 days. If working capabilities of a man, a woman and a child are in the ratio 5 : 4 : 2, then a 16 hectare field will be reaped by 6 men, 4 women and 7

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

8) Two workers A and B working together completed a job in 5 days. If A worked twice as efficiently as he actually did and B worked $\frac{1}{3}$ as efficiently as he actually did, the work would have been completed in 3 days. To complete the job alone, A would require

- a) $8\frac{3}{4}$ days b) $5\frac{1}{5}$ days
c) $6\frac{1}{4}$ days d) $7\frac{1}{2}$ days

9) If A, B and C can complete a work in 6 days. If A can work twice faster than B and thrice faster than C, then the number of days C alone can complete the work is :

- a) 11 days b) 33 days
c) 44 days d) 22 days

10) Jyothi can do $\frac{3}{4}$ of a job in 12 days. Mala is twice as efficient as Jyothi. In how many days will Mala finish the job ?

- a) 16 days b) 6 days
c) 8 days d) 12 days

11) A does 20% less work than B. If A can complete a piece of work in $7\frac{1}{2}$ hours, then B can do it in

- a) 5 hours b) $6\frac{1}{2}$ hours
c) 6 hours d) $5\frac{1}{2}$ hours

12) A can do a work in 5 days less than the time taken by B to do it. If both of them together take $11\frac{1}{9}$ days,





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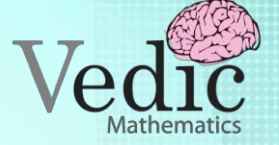
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then the time taken by 'B' alone to do the same work (in days) is

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

13) Shashi can do a piece of work in 20 days. Tanya is 25% more efficient than Shashi. The number of days taken by Tanya to do the same piece of work is :

- a) 25 b) 15
c) 16 d) 18

14) A is 30% more efficient than B, and can alone do a work in 23 days. The number of days, in which A and B, working together can finish the job is

- a) 21 days b) 11 days
c) 13 days d) 20 days

15) To complete a work, A takes 50% more time than B. If together they take 18 days to complete the work, how much time shall B take to do it ?

- a) 45 days b) 30 days
c) 35 days d) 40 days

16) A is thrice as good a workman as B and therefore is able to finish a job in 40 days less than B. Working together, they can do it in

- a) 15 days b) 14 days
c) 13 days d) 20 days

17) A is twice as good a workman as B and B is twice as good a workman as C. If A and B can together finish a piece of work in 4 days, then C can do it by himself in

- a) 12 days b) 6 days
c) 8 days d) 24 days

18) A can do a certain job in 12 days. B is 60% more efficient than A. To do the same job B alone would take :

- a) 7 days b) $7\frac{1}{2}$ days
c) 8 days d) 10 days

19) A can do a certain work in 12 days. B is 60% more efficient than A. How many days will B and A together take to do the same job?

- a) $\frac{60}{13}$ days b) $\frac{80}{13}$ days
c) $\frac{70}{13}$ days d) $\frac{75}{13}$ days

20) A and B can do a job together in 12 days. A is 2 times as efficient as B. In how many days can B alone complete the work ?

- a) 12 days b) 18 days
c) 9 days d) 36 days

21) A and B together can complete a work in 15 days. A is 50% more efficient worker than B. How long will A take to complete the work alone ?

- a) 22.5 days b) 25 days
c) 21 days d) 21.4 days

22) A man does double the work done by a boy in the same time. The number of days that 3 men and 4 boys will take to finish a work which can be done by 10 men in 8 days is

- a) $8\frac{4}{5}$ b) 4
c) 16 d) $7\frac{3}{11}$

23) 5 men and 2 women working together can do four times as much work per hour as a man and a woman together. The work done by a man and a woman should be in the ratio :

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

24) A and B together can do a work in 12 days. B and C together do it in 15 days. If A's efficiency is twice that of C, then the days required for B alone to finish the work is

- a) 15 days b) 60 days
c) 30 days d) 20 days





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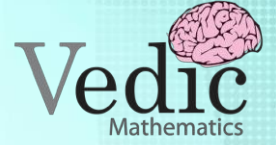
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25) A is twice as good as B and together they finish a piece of work in 16 days. The number of days taken by A alone to finish the work is

- a) 24 days b) 20 days
c) 21 days d) 22 days

26) A can do a piece of work in 70 days and B is 40% more efficient than A. The number of days taken by B to do the same work is

- a) 45 days b) 40 days
c) 60 days d) 50 days

27) Kamal can do a work in 15 days. Bimal is 50 per cent more efficient than Kamal in doing the work. In how many days will Bimal do that work?

- a) $10\frac{1}{2}$ days b) 14 days
c) 12 days d) 10 days

28) A is thrice as good a workman as B and is, therefore, able to finish a piece of work in 60 days less than B. The time (in days) in which they can do it working together is

- a) $23\frac{1}{4}$ days b) 22 days
c) $22\frac{1}{2}$ days d) 23 days

29) Babu and Asha can do a job together in 7 days. Asha is $1\frac{3}{4}$ times as efficient as Babu. The same job can be done by Asha alone in

- a) $\frac{28}{3}$ days b) $\frac{49}{4}$ days
c) $\frac{49}{3}$ days d) 11 days

30) Sunil completes a work in 4 days, whereas Dinesh completes the work in 6 days. Ramesh works $1\frac{1}{2}$ times as fast as Sunil. The three together can complete the work in

- a) $1\frac{5}{19}$ days b) $1\frac{5}{12}$ days

c) $1\frac{5}{7}$ days

d) $1\frac{3}{8}$ days

31) A can do a piece of work in 6 days. B is 25% more efficient than A. How long would B alone take to finish this work?

- a) $2\frac{2}{3}$ days b) $4\frac{4}{5}$ days
c) $3\frac{1}{3}$ days d) $5\frac{1}{4}$ days

32) A works twice as fast as B. If B can complete a piece of work independently in 12 days, then what will be the number of days taken by A and B together to finish the work?

- a) 18 b) 4
c) 6 d) 8

33) A is 50% as efficient as B. C does half of the work done by A and B together. If C alone does the work in 20 days, then A, B and C together can do the work in

- a) 7 days b) $5\frac{2}{3}$ days
c) $6\frac{2}{3}$ days d) 6 days

34) A takes 10 days less than the time taken by B to finish a piece of work. If both A and B can do it in 12 days, then the time taken by B alone to finish the work is

- a) 25 days b) 30 days
c) 27 days d) 20 days

35) P is thrice as good a workman as Q and therefore able to finish a job in 48 days less than Q. Working together, they can do it in :

- a) 12 days b) 18 days
c) 24 days d) 30 days

36) A can do a work in 21 days. B is 40% more efficient than A. The number of days required for B to finish the same work alone is

- a) 18 days b) 10 days





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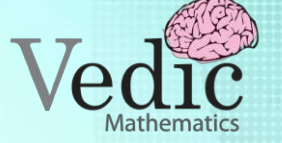
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c) 12 days

d) 15 days

37) A takes twice as much time as B and thrice as much as C to complete a piece of work. They together complete the work in 1 day. In what time, will A alone complete the work.

a) 4 days

b) 9 days

c) 5 days

d) 6 days

38) If 10 people can do a job in 20 days, then 20 people with twice the efficiency can do the same job in

a) 40 days

b) 5 days

c) 10 days

d) 20 days

