

01

A student took five papers in an examination, where the full marks were the same for each paper. His marks in these papers were in the proportion of $6 : 7 : 8 : 9 : 10$. In all papers together, the candidate obtained 60% of the total marks. Find the number of papers in which he got more than 50% marks.

Your solution here:

02

A contractor engages 54 workers to complete a job in 21 days. After working for 3 days, he found that he would get the work completed in 28 days if he does not increase the number of workers. How many more workers should he engage to get the work done in time ?

Your solution here:

03

Abdul and Ramesh can do a piece of work in 10 and 15 days respectively. They work together for 2 days and then Abdul leaves. How long would Ramesh take to finish the remaining work ?

Your solution here:

04

The marked price of an article is 32% above its cost price. What is the rate of discount he can offer so that he gains 10% ?

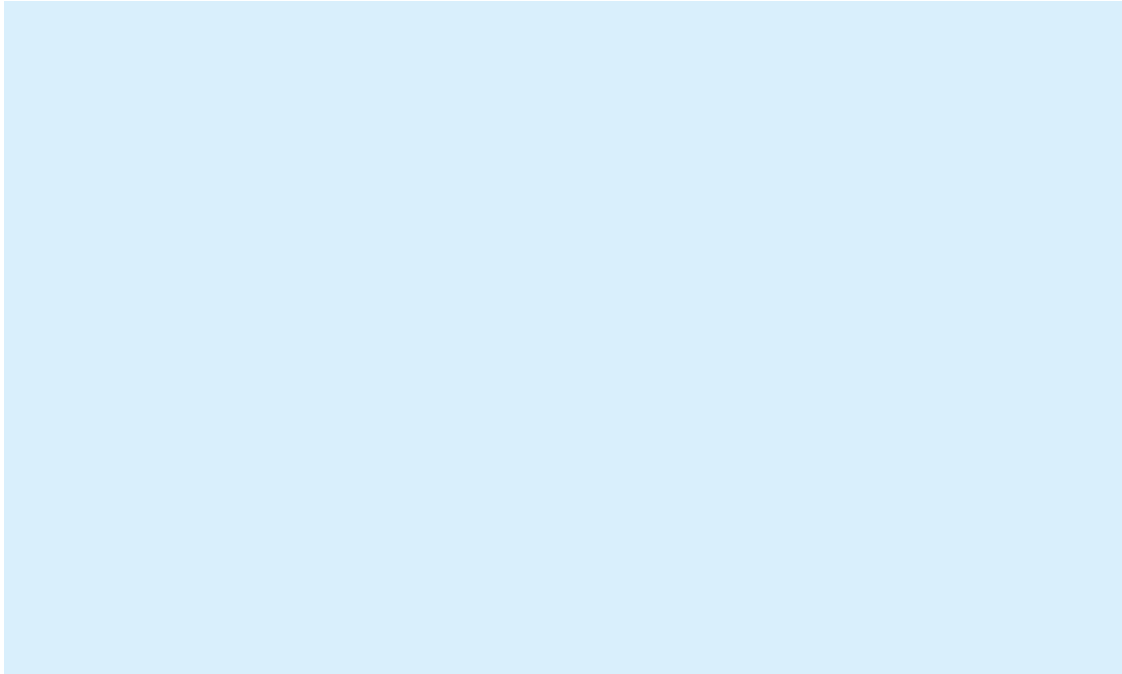
Your solution here:

05

A and B do a piece of work in 10 days, B and C do it in 15 days and C and A do it in 12 days.

- (a) In how many days will A, B and C finish it working together ?
- (b) In how many days will each one of them finish it working alone ?

Your solution here:



06

A fraction in reduced form is such that when it is squared and then its numerator is increased by 25% and the denominator is reduced to 80% it results in $\frac{5}{8}$ of the original fraction. Find the product of the numerator and denominator.

Your solution here:

