1. A man spent 20% of his money and after spending 70% of the remainder,he is left with Rs 270. How much money did he originally have

2. If manoj lends Rs 10000 to Karthick at 10% per annum and Karthick lends to Vignesh at 14%per annum find Karthik's gain in a period of 4 years

3. A defect finding machine rejects 0.065% of all cricket bats.Find the number of bats manufactured on that particular day.If it is given that on that day,the machine rejected only 34 bats.
4. Susan and Lisa played tennis against each other.They bet 1$ on each game they played.Susan won 3 bets and Lisa won $5.How many games did they play?

5. 40 liters of mixture of milk and water contains 25% of water.When 10 liters of water is added what will be the percentage of milk in the final mixture

6. The ratio of the age of a man and his wife is 6:5 after 16 years the ratio becomes 10:9.Find husband's age when wife was born

7. If machine A polishes X units in 12 minutes and B produces 5X units in 40 mins.in how many minutes A and B working together will polish 50X Units.

8. In an exam 80% of Students passed in English,85% in maths and 75% in both english and maths.If 40 failed in both subjects,find the total number of students who appeared in the exam

9. Set A comprises all 3 digit numbers that are multiples of 6. Set B comprises all 3 digit numbers that are multiples of 4 but are not multiples of 8. How many elements does (A U B) comprise?

10. A box contains 2 white balls, 3 black balls and 4 red balls. In how many ways can 3 balls be drawn from the box, if at least one black ball is to be included in the draw?

Money Problems:

1. A woman spent 15% of her money, and after spending 80% of the remainder, she had Rs. 405 left. How much money did she originally have?
2. Ramesh lends Rs. 8,000 to Suresh at 12% per annum, and Suresh lends to Mahesh at 15% per annum. Find Suresh's gain in a period of 3 years.

Manufacturing/Defects:

1. A quality control machine rejects 0.04% of all mobile phones. If the machine rejected 52 phones on a certain day, how many phones were manufactured that day?
2. A toy factory's sorting machine rejects 0.085% of all toys. On Monday, it rejected 68 toys. How many toys were produced on Monday?

Games and Betting:

1. Rahul and Priya played chess against each other. They bet $2 on each game. Rahul won 4 bets, and Priya won $10. How many games did they play?
2. Two friends played cards and bet $3 per game. One friend won 5 games and the other won $12. How many games did they play in total?

Mixtures:

1. A 30-liter mixture of juice and water contains 30% water. If 5 liters of water are added, what will be the percentage of juice in the final mixture?
2. A container has 50 liters of a chemical solution with 20% acid. If 10 liters of pure acid are added, find the percentage of acid in the final solution.

Age Ratios:

1. The ratio of a mother's age to her daughter's age is 8:3. After 12 years, the ratio becomes 5:2. Find the mother's age when the daughter was born.
2. The ratio of the ages of two brothers is 4:3. After 20 years, the ratio becomes 6:5. Find the age of the elder brother when the younger brother was born.

Work and Machines:

1. Machine P completes a task in 10 minutes, and machine Q completes 3 times the task in 30 minutes. How long will it take both machines working together to complete 4 times the task?
2. If printer A prints X pages in 8 minutes and printer B prints 4X pages in 20 minutes, find the time taken by both printers to print 30X pages working together.

Exam Results:

1. In a test, 70% of students passed in Science, 75% in Social Studies, and 60% passed in both subjects. If 30 students failed in both subjects, find the total number of students who appeared in the test.
2. In a school, 90% of students passed in Hindi, 85% in Maths, and 70% passed in both subjects. If 50 students failed in both subjects, find the total number of students in the school.

Set Theory:

1. Set X comprises all 2-digit numbers that are multiples of 3. Set Y comprises all 2-digit numbers that are multiples of 5 but not multiples of 15. How many elements are there in (X U Y)?
2. Set P comprises all 4-digit numbers divisible by 9. Set Q comprises all 4-digit numbers divisible by 6 but not by 18. Find the number of elements in (P U Q).

Probability and Combinations:

1. A bag contains 3 green balls, 5 blue balls, and 2 yellow balls. In how many ways can 4 balls be drawn from the bag if at least one blue ball is to be included in the draw?

2. A box has 5 red marbles, 4 white marbles, and 6 black marbles. Find the number of ways to select 3 marbles such that at least one red marble is included.

Absolutely! Here are more questions in the same style:

Money Problems:

1. A farmer sold 25% of his crops, and after using 60% of the remaining amount to pay debts, he was left with Rs. 12,000. How much money did he earn from selling his crops initially?
2. A woman invests Rs. 15,000 in two schemes. In the first scheme, she earns 8% interest, and in the second, she earns 12%. If her total interest after one year is Rs. 1,560, how much did she invest in each scheme?

Manufacturing/Defects:

1. A company manufactures computer chips, and its testing machine rejects 0.025% of them. On a particular day, 30 chips were rejected. Calculate the total number of chips manufactured that day.
2. A garment factory's quality control machine rejects 0.05% of all garments produced. If 25 garments were rejected on Tuesday, find the total number of garments produced on that day.

Games and Betting:

1. Three friends played a card game where they bet $5 per game. At the end of the night, the first friend won $20, the second friend lost $5, and the third friend broke even. How many games did they play?
2. Two sisters played badminton, betting Rs. 10 on each game. If one sister won Rs. 60 and the other lost Rs. 60, how many games did they play?

Mixtures:

1. A solution of 80 liters contains 30% alcohol. How much water should be added to the solution to reduce the concentration of alcohol to 20%?
2. A shopkeeper mixes 20 kg of rice costing Rs. 40 per kg with 30 kg of rice costing Rs. 50 per kg. At what price should he sell the mixture to gain a profit of 20%?

Age Ratios:

1. The ratio of the ages of a father and his son is 9:2. Five years ago, the ratio was 11:3. Find the present age of the father.
2. The ratio of the ages of two friends is 5:4. Ten years later, the ratio becomes 3:2. Find their present ages.

Work and Machines:

1. Pipe A can fill a tank in 15 hours, and pipe B can fill it in 10 hours. If both pipes are opened together, but pipe A is closed after 6 hours, how long will it take to fill the tank completely?
2. Three typists working together can type a manuscript in 8 hours. The first typist alone can do it in 20 hours, and the second typist can do it in 24 hours. In how many hours can the third typist type the manuscript alone?

Exam Results:

1. In a class of 120 students, 60% passed in Physics, 70% passed in Chemistry, and 50% passed in both subjects. How many students failed in both subjects?
2. In a competitive exam, 80% of the candidates passed in English, 75% passed in Mathematics, and 10% failed in both subjects. If 360 candidates passed in both subjects, how many candidates appeared for the exam?

Set Theory:

1. Set M contains all the odd numbers between 1 and 20. Set N contains all the prime numbers between 1 and 20. Find the number of elements in (M U N).
2. Set A contains all the multiples of 4 less than 50. Set B contains all the multiples of 6 less than 50. Find the number of elements in (A ∩ B).

Probability and Combinations:

1. A committee of 5 members is to be formed from 6 men and 4 women. In how many ways can the committee be formed so that it contains at least 2 women?
2. A bag contains 5 red balls, 3 green balls, and 4 blue balls. In how many ways can 3 balls be drawn from the bag if at least one ball of each color is to be included?