

VIII - Mathematics Assignment No-07 - Linear Eqs. in one variable.

- Q1. Divide Rs 500 between A and B Such that one-third share of A and half share of B are equal
- Q2. The price of 2 tables and 3 chairs is Rs 340 and cost of one table is Rs 20 more than the cost of one chair. Find the price of each.
- Q3. A purse contains 70 coins of ten-paisa and 50-paisa. If the total value of the money is Rs 19. Find the number of each type of coins.
- Q4. A man left one-third of his property to his son, one-fourth to his daughter and Rs 20,000 to his wife. How much money did the man leave?
- Q5. One third of the length of a pole is underground, one fifth is in water and the remaining 7 metres is above water. How long is the pole?

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Q6. Anil's mother is four times as old as Anil. 25 years later, she will be just twice as old as Anil will be then. Find the present age of Anil.

Q7. In a class of 52 students, the number of boys is $\frac{6}{7}$ of the number of girls. How many are boys?

Q8. The difference between a number and two-thirds of itself is 13. Find the number.

Q9. A spent $\frac{1}{2}$ of his pocket money on lunch, $\frac{1}{3}$ rd on conveyance and gave the remaining money to B. If B got Rs 5. How much pocket money did A get?

Q10. The sum of three consecutive even numbers is 252. Find the numbers

ANSWERS:-

(Q1) Rs 300, Rs 200	(Q4) Rs 48000/-	(Q8) 39
(Q2) chair = Rs 60 Table = Rs 80	(Q5) 15 m	(Q9) Rs 30
(Q3) 10 paise coins = 40 50 " " = 30	(Q6) 10 yrs	(Q10) 82, 84, 86.
	(Q7) 24 Boys	