VIDYA SHREE ACADEMY
SR. SEC. SCHOOL
An English Medium Co.Ed. School | Science & Commerce

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VSA
A Real English Medium School

Little Steps
Pre Primary wing of VSA

Class – 8th **Chapter-2** **Subject Maths**

Worksheet-8 *Linear Equations*

Find the solution of following equation:

1. $\dfrac{x-5}{3} = \dfrac{x-3}{5}$

2. $\dfrac{3t-2}{4} - \dfrac{2t+3}{3} = \dfrac{2}{3} - t$

3. $m - \dfrac{m-1}{2} = 1 - \dfrac{m-2}{3}$

4. $15(y-4) - 2(y-9) + 5(y+6) = 0$

5. $3(5z-7) - 2(9z-11) = 4(8z-13) - 17$

6. $0.25(4f-3) = 0.05(10f-9)$

7. A positive number is 5 times another number. If 21 is added to both the numbers, then one of the new numbers becomes twice the other new number. What are the numbers?

8. Shobo's mother's present age is six times Shobo's present age. Shobo's age five years from now will be one third of his mother's present age. What are their present ages?

9. The present age of Sahil's mother is three times the present age of Sahil. After 5 years their ages will add to 66 years. Find their present ages.

10. Fifteen years from now Ravi's age will be four times his present age. What is Ravi's present age?