| Q1 | Class VIII, Mathematics (2023-24) |
| :--- | :--- | Worksheet DTQ - LINEAR EQUATIONS IN ONE VARIABLE


| Q.13 | Solve: $\frac{2 y-3}{4}-\frac{3 y-5}{2}=y+\frac{3}{4}$. |
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| Q14. | Sum of the digits of a two-digit number is 11. The given number is less than the number obtained by <br> interchanging the digits by 9. Find the number. (COMPETENCY FOCUSED PRACTICE <br> QUESTIONS) |
| Q15. | Solve: $\frac{y}{2}-\frac{1}{4}\left(y-\frac{1}{3}\right)=\frac{1}{6}(y+1)+\frac{1}{12}$. |


| ANSWERS |  |  |  |  |  |
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| Q1. | $2,00,000$ | Q2. | 53 | Q3. | 112 |
| Q4. | $\frac{15}{2}$ | Q5. | $136 \mathrm{~cm}, 119 \mathrm{~cm}$ | Q6. | $\frac{1}{5}$ |
| Q7. | 37 and55 | Q8. | 8,40 | Q9. | $\frac{-5}{22}$ |
| Q10. | $23 \mathrm{~m}, 23 \mathrm{~m}, 9 \mathrm{~m}$ | Q11. | 42 | Q12. | 24 |
| Q13. | $\frac{1}{2}$ | Q14. | 65,56 | Q15. | 2 |

