

LINEAR EQUATIONS
IN ONE VARIABLE

HOMEWORK #2

- 1) Riya is 6 years older than Tanu. 10 years ago, Riya's age was 4 times of Tanu's age. Find their present age?
- 2) If ratio of boys and girls in a class is 3:2 and number of boys is 6 more than number of girls. Then, find the total number of students in a class.
- 3) In a two-digit number, digit in units place is twice of the digit in tens place. If 27 is added to it, digits are reversed in new number. Find the original number?
- 4) If you add $\frac{1}{3}$ to a number and divide the result by $\frac{1}{6}$, then you will get 16. Find the number.
- 5) Denominator of rational number is 3 more than numerator. If we add 11 to numerator and 4 to denominator, then the number obtained is $\frac{4}{3}$. Find the original Rational number.