

LINEAR EQUATIONS

IN ONE VARIABLE

HOMEWORK # 3

- 1) The difference between two positive numbers is 40 and Ratio of these integers is 1:3.
Find the integers.
- 2) Sum of five consecutive multiples of 3 is 105.
Find all the integers.
- 3) Four-fifth of a number is more than three-fourth of the number by 4. Find the number.
- 4) Show that $x=4$ is a solution of the equation
$$x + 7 - \frac{8x}{3} = \frac{17}{6} - \frac{5x}{8}$$
- 5) Radha takes some flowers in a basket and visits four temples one by one. At each temple, she offers one half of the flowers from the basket. If she is left with 4 flowers at the end, Find the number of flowers she had in the beginning.