

VII- Mathematics Assignment-No.-3-Simple Equations

Q1. Solve the following system of equations for x :

$$x-7 = 5 + \frac{x}{2}$$

$$Q2. 3(x+3) - 2(x-1) = 5(x-5)$$

$$Q3. \frac{x}{8} - \frac{1}{2} = \frac{x}{6} - 2$$

$$Q4. 3(x+2) - 2(x-1) = 7$$

$$Q5. 5(x-1) + 2(x+3) + 6 = 0$$

$$Q6. 6(1-4x) + 7(2+5x) = 53$$

$$Q7. 3(x+6) + 2(x+3) = 64$$

$$Q8. 3(2-5x) - 2(1-6x) = 1$$

$$Q9. \frac{x-3}{5} - 2 = \frac{2x}{5}$$

$$Q10. \frac{2x}{5} - \frac{3}{2} = \frac{x}{2} + 1$$

ANSWERS:-

(Q1) 24	(Q5) -1	(Q9) -13	
(Q2) 9	(Q6) 3	(Q10) -25	
(Q3) 36	(Q7) 8		
(Q4) -1	(Q8) 1		