

VII- Mathematics Assignment No - 05- Simple EquationQuestions from Complete chapter

Q1. Solve for x : $\frac{2x}{3} + 8 = \frac{x}{2} - 1$

Q2. Solve for x : $16(3x-5) - 10(4x-8) = 40$

Q3. Solve the equation by trial and error method
 $2x - 3 = 9$

Q4. Verify by Substitution that
 the root of $3x-5 = 7$ is $x=4$

Q5. Write the statement for the following Equation
 $2x - 3 = 15$

Q6. Write the equation for the following statement
 " 3 less from 4 times a number is 15 "

Q7. Solve for x and check the result.

$$3x + 5 = 13 - x$$

Q8. Five times the price of a pen is Rs 17 more than three times its price.
 Find the price of the pen

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Q9. The number of boys in a school is 334 more than the number of girls. If the total strength of the school is 572, find the number of girls in the school.

Q10. Sunita is twice as old as her brother. In 6 years time, the sum of their ages will be 39. What are their ages now?

ANSWERS:

(Q1) $x = -9$	(Q6) $4x - 3 = 15$	(Q10) Sunita's Age = 18 yrs
(Q2) $n = 5$	(Q7) $x = 2$	Brother's Age = 9 yrs
(Q3) $x = 6$	(Q8) Rs 8.50	
(Q4) Correct	(Q9) No. of girls in school = 119	
(Q5) 3 is subtracted from twice a no., the result is 15		