

7 Class Math Tuition Assignment

Assignment – 4

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Chapter = Simple Equations

Submission Date = 01 January 2022

MM = 20

Q1. Solve each of the following equations and check your answers:

(i) $2y - (1/2) = (-1/3)$

(ii) $3(x + 2) - 2(x - 1) = 7$

(iii) $5(2 - 3x) - 17(2x - 5) = 16$

Q2. If 5 is subtracted from three times a number, the result is 16.
Find the number.

Q3. Find the number which when multiplied by 7 is increased by 78

Q4. Find three consecutive natural numbers such that the sum of the first and second is 15 more than the third.

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Q5. The difference between two numbers is 7. Six times the smaller plus the larger is 77. Find the numbers

Q6. A man says, “I am thinking of a number. When I divide it by 3 and then add 5, my answer is twice the number I thought of”. Find the number

Q7. If a number is tripled and the result is increased by 5, we get 50. Find the number.

Q8. Shikha is 3 years younger to her brother Ravish. If the sum of their ages 37 years, what are their present age?

Q9. A man 4 times as old as his son. After 16 years, he will be only twice as old as his son. Find their present.

Q10. The length of a rectangular field is twice its breadth. If the perimeter of the field is 228 meters, find the dimensions of the field.