

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2025-2026 - Worksheet

Class: VII	Subject: Mathematics	Topic: Simple Equation	Worksheet No: 06
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Do as Directed:

Question1: Check whether the given value in the brackets are the solution of the given equation or not:

(a) $2m + 7 = 15$. (For $m = 4$)

(b) $2z/3 + 5 = 5$. (For $z = 0$)

Question2: Solve the following equations:

(a) $3(x + 6) = 24$

(b) $3m/2 + 1 = 11/2$

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

Question3: Find two consecutive natural numbers whose sum is 85.

Question4: Shikha's mother is 25 years older than Shikha. After 10 years, she will be twice as old as Shikha. Find their present ages.

Question5: The length of a rectangular field is 5 meter more than it's breadth. If the perimeter of the field is 38 meters, then find the dimensions of the field.

Question6: A natural number is 5 times of another number and their sum is 84. Find the numbers.

Question7: Tilak is 2 years younger than his brother. If the sum of their ages is 32 years, what are their present ages?

Question 8: If a number is tripled & the result is increased by 5, we get 50. Find the number.

Question 9: In a class of 60 students, the number of girls is one third the number of boys. Find the number of girls and boys in the class.

Question 10: If one side of a square is represented by $18x - 20$ and the adjacent side is represented by $42 - 13x$, find the length of the side of the square.

