

## Chapter 09

### ALGEBRAIC EXPRESSION & IDENTITIES

**Finding values of Algebraic Expressions at given value of the variables:**

**Example:**

If  $x = 3$ ,  $y = 2$ , then to find the value of the expression  $3x + 5y$ .

**Solution:**

Given that

$$x = 3, y = 2$$

Put  $x = 3$ ,  $y = 2$  in  $3x + 5y$

$$\text{Required value} = 3(3) + 5(2) = 9 + 10 = 19$$

$$\therefore \text{Required value} = 19.$$

