

1. $45 - [38 - \{60 \div 3 - (6 - 9 \div 3) \div 3\}]$
2. Write each of the following decimals in expanded form :-
 - (a) 4615.72
 - (b) 189.209
3. Rani had ₹18.50. She bought one ice-cream for ₹11.75. How much money does she have now?
4. Find the value of $3.5 + 4.05 - 6.005$
5. Write an algebraic expression for the following expressions :-
 - (a) 3 subtracted from a number y
 - (b) 5 is added to three times a number x
6. If $x = 2$, $y = 3$ and $z = 5$, find the value of $4x - y + z$
7. Add the following expressions : $5x^2 + 7y - 6z^2$, $4y + 3x^2$, $9x^2 + 2z^2 - 9y$ and $2y - 2x^2$
8. Subtract $6xy - 4x^2 - y^2 - 2$ from $x^2 - 3xy + 7y^2 + 5$
9. Subtract $a - 2b - c$ from the sum $3a - b + c$ and $a + b - 3c$
10. Simplify : $-a - [a + \{a + b - 2a - (a - 2b)\} - b]$
11. Simplify : $2x - [3y - \{2x - (y - x)\}]$
12. Using decimals, express
 - (a) 4 km. 365 m. in kilometers
 - (b) 8 kg. 96 g. in kilograms

Do all work in maths copy