



Cosmo School

Midterm Test-2020

Revision Work Sheet

Class-6

Subject-Math

Date 19/08/2020

Creative Questions:

1. Monika has 4 times more chocolates than konika. They have 25 chocolates together.
 - a). If konika have x chocolates then how many chocolates does monika have in term of x ?
 - b). How many chocolates does monika and konika have?
 - c). If monika gave to her younger sister from her chocolates, then 12 cholates were left with her, how many chocolates did monika give her sister?
2. Sum of three consecutive odd natural number is 45.
 - a). Find the three numbers in term of x .
 - b). Determine the three numbers.
 - c). If twice times of y is 4 more than the sum of the obtained first and third number Find the value of y .
3. Rana is 4 years older than kartik and shaon is 6 years younger than kartik. The summation of ages of three persons is 58 years.
 - a) Express the age of Rana and Shaon in terms of x .
 - b) Form an equation in the view of above information.
 - c) Determine the age of each person.
4. The sum of present ages of father and son is 97 years. The age of father is 5 years more than the 3 times of the age of son.
 - a) Form an equation in the view of above information.
 - b) Determine the present age of father and son.
 - c) Find what will be the age of father and son after 5 years.
5. $8x - 2x + 40 = 100$ and $7x - 3 = 32$ are two algebraic equations
 - a) Simplify $8x - 2x + 40$.
 - b) Solve the 1st equation.
 - c) Show that the root of 1st equation is twice than the root of 2nd equation
6. $7x - 2 = x + 16$ and $3x - 4 = 17$ are two algebraic equations.

- a) What is the coefficient of $7x$ in first equation?
 - b) Solve the 1st equation.
 - c) Find the root of 2nd equation.
7. The Length of a rectangular garden is twice of its breadth.
- a) If the breadth of the garden is x meters, what is its perimeters?
 - b) If the perimeter of the garden is 36, what is its breadth?
 - c) If per square meter garden clean cost 2 Tk. How much cost will be clean of whole garden?

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Md. Masud Rana
Assistant Teacher (Mathematics)
Cosmo School