

2nd Junior**SPECIAL SUBJECT: MATHS****III TERM – TEST**

What is Algebra?

1) Choose true or false.

- a. Algebra is like puzzles. True / False
- b. The variables are numbers. True / False
- c. We can find values in Algebra. True / False
- d. If we have the following problem: $2 + x = 5$. The answer is $x=3$. True / False

2) Write an equation for each situation and then, the answer. Follow the example.

Use Y as the variable.*Example:*

$10-v=5$

Mike has 10 books. He gives y to his sister.

$v=5$

Now, he has 5 books.

a. 114 birds were sitting in a tree. 21 more birds flew up to the tree.
How many birds were there altogether in the tree?

b. Beth has 74 crayons. She gives 25 of them away to Jen.
How many crayons does Beth have left?

c. The class is doing a math activity. There are 5 groups of 4 students. How many students are there in the class?

d. She counted her crayons and found out that she has 80 crayons which she will place in crayon boxes. Every crayon box can contain 8 crayons. How many crayon boxes does she need?

e. There are 6 houses on a small street. Each house has a family with 4 children, 2 cats and a dog. How many children are there living on this street?

f. Their plastic Christmas tree comes in 3 parts. The bottom part has 8 branches. The middle part has 6 branches, and the top part has 4 branches. How many branches are there in total?