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2nd Junior

SPECIAL SUBJECT: MATHS

III TERM

## What is Algebra?

<https://www.youtube.com/watch?v=5QoFlxcEEIw>

- a) Algebra can be compared with puzzles?    True    False
- b) The letters in an equation are called \_\_\_\_\_.
- c) What is the other name for the X? The \_\_\_\_\_.
- d) In Algebra we are expected to find \_\_\_\_\_.
- e) Why they say Algebra makes life simpler?

### Simple algebra word problems.

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

Example:

Mike has 10 books. He gives  $x$  to his sister.

Now, he has 5 books.

$$10 - x = 5$$

$$x = 5$$

1. Jerry had 20 DVDs. He bought  $x$  more.  
Then he had 28 DVDs.

2. Dorothy baked 4 loaves of banana bread,  
each weighs  $w$  oz. The total weight is  
80 oz.

3. Bobbie had  $z$  tokens. She gave 7 to Bryan.  
She had 16 tokens left.

4. Each of the 50 states has  $s$  U.S. Senators.  
There are 100 U.S. Senators all together.

5. The recess period at Morehead School is  
usually 20 minutes. On Friday, the students  
are given an extra  $t$  minutes, so they had  
40 minutes for recess.

6. Deborah dealt an entire deck of 52 cards to  
to make  $g$  hands. Each hand had 13 cards.