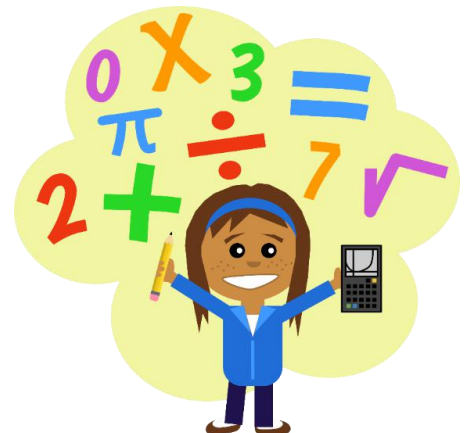


## Variables and equations

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### Grade 3 Word Problems Worksheet

1. There were 50 sheets of construction paper in a pile. After Mia used some sheets, there were 24 sheets left. How many sheets did Mia use?
  
  
  
  
  
  
  
  
  
  
2. In a fruit basket, there were some apples. Since 3 of the apples are rotten, there are only 11 good apples left. How many apples are there in total?
  
  
  
  
  
  
  
  
  
  
3. There were 15 bags of flour in a kitchen. An order of flour was delivered and now there are 27 bags of flour in the kitchen. How many bags of flour were delivered?





## Answers

*Note: there are several possible correct equations for each problem.*

1.  $50 - x = 24$   
 $x = 26$   
Mia used 26 sheets.
2.  $x - 3 = 11$   
 $x = 14$   
There were 14 apples originally.
3.  $15 + x = 27$   
 $x = 12$   
12 bags of flour were delivered.
4.  $x = 16 - 4 + 9$   
 $x = 21$   
There were 21 birds on the tree.
5.  $22 - 4 - x = 15$   
 $x = 3$   
3 students left early for doctor's appointments.