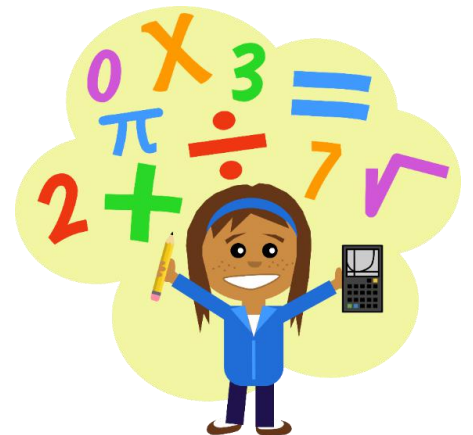


## Variables and equations

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### Grade 3 Word Problems Worksheet

1. There are 22 permission slips on the teacher's desk. If the teacher signed 8 slips, how many more slips are left to sign?
  
2. Marilyn read some books over the summer. She read 6 in July and 11 in August. How many did she read in total?
  
3. Charlotte has some money, and her sister has \$2 less than Charlotte. If her sister has \$13, how much money does Charlotte have?





## Answers

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

- $x = 22 - 8$   
 $x = 14$   
There are 14 slips left to sign.
- $x = 6 + 11$   
 $x = 17$   
She read 17 books in total.
- $x - 2 = 13$   
 $x = 15$   
Charlotte has \$15.
- $x = 63 + 37$   
 $x = 100$   
There are 100 pieces of puzzle in total.
- $15 - 3 + x = 19$   
 $x = 7$   
Ashely bought 7 mugs.
- $x = \text{number of oatmeal raisin packs}$   
 $x = 8 + 9 = 17$   
Total number of packs =  $8 + x = 8 + 17 = 25$   
There are 25 packs of cookies.