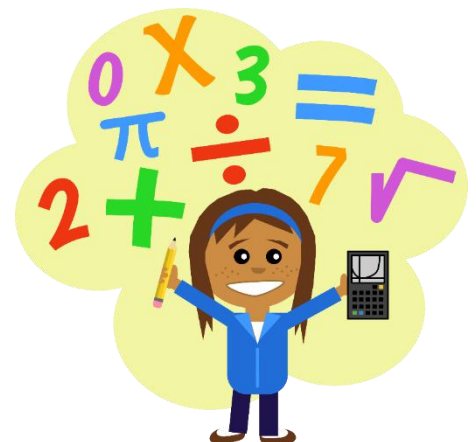




Write equations with variables

Grade 3 Word Problems Worksheet

1. Alex has a total of 16 shirts. There are 9 shirts in the closet and s shirts in the laundry basket.
2. There are 15 cars in the parking lot. After 3 cars left, there were c cars in the parking lots.
3. There are 5 basketball players playing at the court and b players sitting on the bench. There are total of 8 players in the team.





- There were 14 muffins in the kitchen. After the children ate m muffins, there were 7 muffins left.
- Tim has 3 older brothers and t younger sisters. Tim's mother has 6 children.
- Sara had q math questions to finish over the weekend. She finished 5 on Friday and 11 on Saturday. On Sunday, she had 8 questions left to do.



Answers

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

1. $9 + s = 16$
 $s = 7$

2. $c = 15 - 3$
 $c = 12$

3. $5 + b = 8$
 $b = 3$

4. $14 - m = 7$
 $m = 7$

5. $1 + 3 + t = 6$
 $t = 2$

6. $q - 5 - 11 = 8$
 $q = 24$