

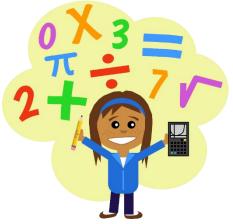
## Write equations with variables

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.





4. There were 14 muffins in the kitchen. After the children ate *m* muffins, there were 7 muffins left.

5. Tim has 3 older brothers and *t* younger sisters. Tim's mother has 6 children.

6. 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 = 16s = 7
- 2. c = 15 3c = 12
- 3. 5 + b = 8b = 3
- 4. 14 m = 7m = 7
- 5. 1 + 3 + t = 6t = 2
- 6. q-5-11 = 8q = 24