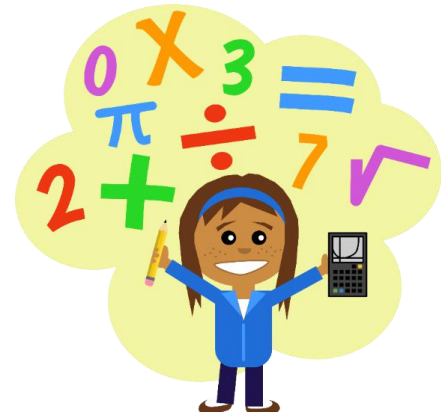




Variables and equations

Grade 3 Word Problems Worksheet

1. There are 16 students in the class. 6 of them are boys. How many girls are there?
2. There are 12 eggs in the carton but 3 are broken. Julian throws away the broken eggs. How many eggs are left in the carton?
3. Tracy was 4 years old three years ago. How old is Tracy now?





4. Jay had \$5, and Lola had \$19. How much did they have in total?
5. Vanessa bought some muffins. Her sister had 4 muffins and her mom had 2 muffins. There were 6 left. How many muffins did Vanessa buy?
6. Pete had some toy cars. He received 4 more toy cars as Christmas presents. After he gave 2 to his brother, he had 31 toy cars. How many toy cars did he originally have?



Answers

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

1. $x + 6 = 16$
 $x = 10$
There are 10 girls in the class.
2. $x = 12 - 3$
 $x = 9$
9 eggs are left in the carton.
3. $x - 3 = 4$
 $x = 7$
Tracy is 7 years old now.
4. $x = 5 + 19$
 $x = 24$
They had \$24 in total.
5. $x - 4 - 2 = 6$
 $x = 12$
Vanessa bough 12 muffins.
6. $x + 4 - 2 = 31$
 $x = 29$
Pete originally had 29 toy cars.