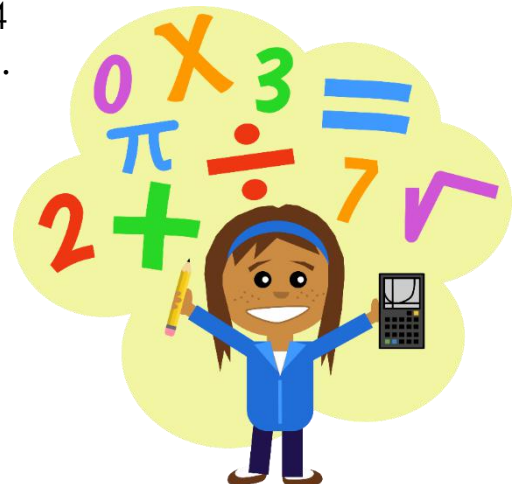




Write equations with variables

Grade 3 Word Problems Worksheet

1. Sean got m marks for his math test. Emma got 15 more marks than Sean. Emma's score is 94.
2. There are 6 books on the desk and b books on the shelf. There are 37 books in total.
3. The admission for a water park for adult is 9 dollars. The admission for a child is x dollars, which is 4 dollars cheaper than the adult admission.





- Ken is 169 cm and Mike is n cm. Ken is 38 cm taller than his younger brother Mike.
- Last week, the first graders borrowed d books and the second graders borrowed 15 books. The third graders borrowed 24 books. The three grades borrowed 54 books in total.
- Abby had \$24. After she spent \$3 on snacks and \$ x for lunch, she had \$12 left.



Answers

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

1. $m + 15 = 94$
 $m = 79$

2. $6 + b = 37$
 $b = 31$

3. $x = 9 - 4$
 $x = 5$

4. $169 - n = 38$
 $n = 131$

5. $d + 15 + 24 = 54$
 $d = 15$

6. $24 - 3 - x = 12$
 $x = 9$