

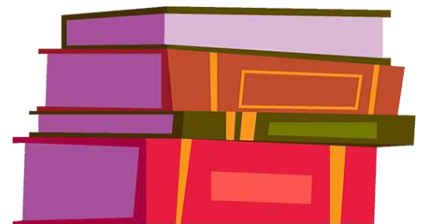
Writing expressions with variables

Grade 5 Word Problems Worksheet

1. There were n books displayed on one bookshelf on the left. $\frac{5}{11}$ of the books there were 5th grade math books. Write the expression for the number of fifth grade math books on that one bookshelf.

2. Dennis is working as a library aide. He stays in the library for 395 minutes, including some minutes for his lunch break. He eats his lunch for p minutes. Write the expression for the number of minutes he spends working.

3. The librarian received a delivery of boxes of books from a bookstore. She saw that 5 boxes contained reference books and 2 boxes contained story books. Each box contained x books. Write the expression for the number of reference books the librarian received.



4. Fred can read 76 words per minute. He needs to read a story book that has b words. Write the expression for the number of minutes he will spend reading that story book.

5. In the library, there are c computers and 3 maps for the students. The 27 library computers are already occupied, and another 2 library computers are defective. Write the expression for the number of library computers available for the students.

6. The librarian noticed that there were 178 books and 7 newspapers borrowed. There were y books left on the bookshelf. Write the expression for the number of books on the bookshelf when none have been borrowed.

Answers

1. $\frac{5n}{11}$

2. $395 - p$

3. $5x$

4. $\frac{b}{76}$

5. $c - 27 - 2$

6. $178 + y$