## Multiplication word problems

Jack loves to collect and read books. In fact, he has a mini library in his house.

1. The library is divided into different sections for different type of book. The science fiction section has 8 books. If each book has 478 pages, how many pages do the 8 books have in total?
2. He also has a 3-foot-long section filled with short story booklets. If each booklet has 9 pages and there are 49 booklets, how many pages will Jack need to go through if he plans to read them all?
3. One of his favorites is a book called Encyclopedia of Life and Everything Else. The book has 7 large chapters, each having 566 pages. How many pages does the encyclopedia have in total?

4. The mini library also has a section for the classics. If this collection comes from 6 different authors, with each author having 33 books, how many books does he have in the classics section?
5. Having this kind of collection made Jack a fast reader. If he can read 9 books in a day, how many books can he read in a year (365 days)?

## Answers

1. $8 \times 478=3,824$

The 8 books have a total of 3,824 pages.
2. $9 \times 49=441$

Jack will need to go through a total of 441 pages.
3. $7 \times 566=3,962$

The encyclopedia has a total of 3,962 pages.
4. $6 \times 33=198$

He has 198 books in the classics section.
5. $9 \times 365=3,285$

Jack can read 3,285 books in a year.

