



Practice Dividing by 9

CA Standards
(KEY) NS 2.3, AF 1.2

Raul did an inventory of all the books in his collection by subject. He displayed his results in the table below. Use the table to solve each problem.

- 1.** Raul might place 9 history books on each shelf of one bookcase. How many shelves will be in that bookcase?

- 2.** Raul has 9 empty shelves to hold his cookbooks. If he puts the same number of cookbooks on each shelf, how many will be on each shelf?

- 3.** Raul might put an equal number of each kind of book on 9 shelves. How many types of books will have an even number on each shelf?

- 5.** Raul fills 9 shelves with his travels, history, and biography books. Each shelf has the same number of each kind of book. How many books are on each shelf?

Raul's Book Collection	
Subject of Book	Number of Books
History	72
Art	81
Science	54
Travel	63
Fiction	90
Biography	45
Poetry	27
Cooking	36

- 4.** Raul considered combining two of the subjects and placing 9 books on each shelf. It would take 7 shelves to do this. What were the two subjects?

- 6.** How many books would Raul have to buy if he wanted to have 10 books on each shelf, no matter what the subject?
