



Divide by 9

TAKS Objective 1
TEKS 3.4C, 3.6C

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 placed 9 history books on each shelf of one bookcase. How many shelves are in that bookcase?

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

3. Raul wants to fill 9 bookshelves with his poetry, science, and biography books. He wants each shelf to have the same number of each kind of book. How can he do it?

5. Raul wants to put his science and history books in one bookcase. Each shelf in the bookcase will hold 18 books. How many shelves will he use?

My Book Collection	
Subject of Book	Number of Books
History	72
Science	54
Fiction	90
Biography	45
Poetry	27

4. Raul puts an equal number of each kind of book on 9 shelves. He says that each shelf will have an even number of each kind of book. What's wrong?

6. He has decided to put his biography and poetry books in another bookcase. Each shelf will hold 27 books. Will three shelves be enough?
